

The 50 MHz DX Bulletin

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The 50 MHz DX Bulletin was founded by Harry Schools K3HS. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$24 U.S. first class mail, \$27 Canada/Mexico airmail, and \$30 by airmail elsewhere for 12 issues. Payments may be made to k6fv through PayPal. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4554 USA. My Internet address is victor.frank@sri.com. My web site is <http://www.qsl.net/k6fv>. The bulletin may be freely quoted, provided that credit is given.

DX Operations

Most of the listings in this column came from SM7AED's notebook.

East Malaysia, 9M6/JA3EGZ & 9M6/JA3DFM: plan 80-6m operation from Kota Kinabaru between July 7 and 10.

Sri Lanka, 4S7CCG: Bob, ZL1RS, will be on 6m with a 4 el beam and IC706MK2 until November 2006.

Chagos Is., VQ9JK: is apparently QRV on 50.110 from MI62, according to a self-post on the DX cluster.

Andaman Islands, VU4: A group of ten radio amateurs plan to operate 3-4 stations on 160-6m between April 18 and May 25. See <http://groups.yahoo.com/group/VU-CHAT>.

Mozambique, C9: Frosty, K5LBU, and Tom, WW5L, plan to operate HF, 6m, 2m, & 70cm EME from Bilene from June 29-July 13. They have room for more team members. If you're interested, contact K5LBU at frosty1@pdq.net. See their web page at <http://www.tdxs.net/C9.html> for details.

Iraq, YI9RTG: is currently active on 6m and he is waiting for the Es season.

Italy, Lampedusa Is., IG9: A group of Italian radio amateurs plans to be active on all bands from 160m-12 cm from two lighthouses on AG-001 from May 13-19.

Albania, ZA/I8YGZ: Pino plans be active on 160, 6, and 2m from three lighthouses near Vlora, Dur, and Saranda between May 1 and 15.

Albania, ZA/IK0OKY: Emilio, a UN Peace-Keeper in Tirana (JN91wh) until August 2006 will be active evenings from 20Z to 23Z and weekends from 0630Z onwards in FSK441A. He is active on 6m and 2m MS. He says that Tirana is surrounded by mountains, so VHF is very difficult.

Denmark, Romo Island, OZ/OP4A, OZ/OP1A, OZ0ACA: will be active on 80-2m between July 29 and August 4.

Denmark, OZ/DL2VFR: Ric plans to be active on HF-6m from Laeso Is. (JO57)(EU-088) July 23-30 including the RSGB IOTA contest July 29-30.

Svalbard, JW4GHA: Roger, LA4GHA, currently active as T98GHA until the end of November plans to operate 160-2m

from Bear Island (EU-027) between until June 2006.

Jan Mayen, JX9NOA: is QRV, but indicates propagation is poor now. He plans to stay there until October 2006.

Scotland, Shetland Is., GM6VXB/p: Martin's work is taking him to the Shetlands (IO99 & IP90) some time in May where he plans to operate, work permitting, 50, 70, & 144 MHz.

Scotland, St. Kilda Is., GM4SIV: Subject to North Atlantic weather, a group plans to here in grid IO57 from July 1-8.

Scotland, GM, EU-189: Terje, LA3OHA, is organizing a dxpedition to Rockall in IO37, June 16-28. <http://www.dxpediton.org>

Isles of Scilly: A group of Gs plans to return to St. Marys Island, EU-011 (grid IN69UW) and to be QRV from 26/27 July until August 2.

Spain, EH7AB/p: EH7AB is planning to activate a rare grid/locator IM96BW in Almeria in June.

Bermuda, VP9/N0JK: Jon will on 50, 144, and 432 MHz from Bermuda from June 8-12 and will be a serious entry in the 2006 ARRL June VHF QSO Party. Outside of the contest he will focus on working Europe.

USA, W6C: A group of W6s plans 20, 6, & 2m operation from Santa Cruz Island, NA-144, in CM93 on June 9-11.

Canada, VC2X & VF2X: Pete, VE3IKV plans to activate some more rare North American east coast grids during the week of June 30 to July 9. Look for VC2X on the Gaspe peninsula on June 30 and also on the Magdalen Is (NA-038) between July 4-8, and VF2X on PEI (NA-029) July 1-4.

St. Martin, FS/SM7DKF, St. Barthelemy, FJ/SM7DKF: Ron will operate 30-6m SSB and PSK31 from FS May 6-10 and from FJ from May 10-20.

Montserrat, VP2MDD: Graham, M0AEP, plans activity on 80-6m from July 1-14. On 6m he will have 350W plus a 5 el.

British Virgin Islands, VP2V/: K5AND and W7XU and N0LAN are headed to the Loblolly Beach Cottages on the north side of Anegada, a sparsely populated island to the north of better-known Virgin Gorda to operate 6m from June 22-July 3. Hopefully this location will alleviate the problems with power line QRN which plagued earlier expeditions.

Aves Island: Jose Manuel Valdes Rodriguez, YV5LIX, suffered a massive heart attack while on Aves Island with the YX0A team and passed away at 57 years of age. The operation continued under the new call YV0LIX as a tribute to his memory. 6m contacts are listed inside, most to the Caribbean and South America. I tried to filter out the "chatter" reports but some may remain.

St. Kitts, V4/W6JKV: Jimmy plans to operate 6m with good equipment and antenna from June 21 until July 2 this summer.

Haiti, HH4/W3CMP: Chris plans to travel to Haiti June 17-28 for a 6 and perhaps 2m DXpedition. He will operate from St. Louis du Nord on the north coast (FK39).

Samoa, 5W0TR: A group of radio amateurs from US 8th call district is planning to activate 3 stations on 160-6m and 144/432 satellite from Upolu between July 25 and August 10. Favored 6m frequency is 50.115.

Norfolk Is., VI9NI: The Oceania Amateur Radio DX Group Inc (ODXG) is planning to operate on 160-6m from May 25 to June 20 as part of the commemoration of the 150th anniversary of the landing of the HMS Bounty Mutineers.

Beacon News

Chagos Is., VQ9JK: reported by G4IGO as running a keyer on 50.110 on April 24.

Germany, DF0ANN: is a new beacon on 50.083 in JN59PL. It was reported April 16 during a test run with 200 mW.

Ascension Is., ZD8VHF: was reported by ZD8I as being operational again on 50.033.

California, K6FV: 50.069 has changed to NE antenna (NW when open to KL7).

Cycle 24

"It is dangerous to make predictions, especially about the future." Unlike readers of the tabloids, radio amateurs and scientists have long memories -- VRF

A new computer model developed by Mausumi Dikpati and colleagues at the National Center for Atmospheric Research (NCAR) predicts that the next cycle will be up to 50 percent stronger than its predecessor and begin a year later than expected.

The new model, known as the Predictive Flux-Transport Dynamo Model, has simulated the strength of the past eight solar cycles extending back to the early 1900s with 98 percent accuracy. Using the model, researchers predict that Cycle 24 will produce sunspots across an area slightly larger than 2.5% of the visible surface of the Sun. They also expect that the cycle will begin in late 2007 or early 2008--about six to 12 months later than earlier predictions --and reach its peak in 2012.

The basis of the model was observations of sound waves inside the Sun to reveal details about its interior. (These "sound" waves are of very low frequency, about one cycle per minute.) Recent continuous and systematic observations of these waves were made from space with NASA's Solar and Heliospheric Observatory (SOHO).

Researchers attribute the accuracy of the new model to these observations of how plasma circulates between the Sun's equator and its pole and how the resulting currents are affected by the Sun's rotation.

"The birth of a new sunspot", they write, "begins with the death of an old one from a previous cycle. As an old sunspot decays, it leaves a magnetic 'imprint' on the flow of plasma moving between the Sun's equator and its poles. As the plasma approaches the poles, it sinks about 200,000 km down into the Sun's interior and starts its return journey back to the equator.

For comparison, the radius of the sun is about 696,000 km. I was surprised at the 200,000 km depth figure as previous estimates (Menzel, *Our Sun*, 1959) were that only in the outer 10% of the solar radius does convection play a significant part in transport of heat.

The Sun's equator rotates more rapidly than its poles. This differential rotation stretches and twists the moving plasma, concentrating the local magnetic fields into rope-like strands. Eventually these strands are forced to the surface where they observed as sunspot groups.

Readers should note that the sunspots tend to occur at higher latitudes (20-30°) early in the sunspot cycle and at lower latitudes (0-10°) late in the sunspot cycle.

Sunspots were discovered in 1610, however their cyclic behavior was not realized until 1843. Mean annual sunspot numbers have been tabulated since 1749 and some cycles have been real stinkers.

David Hathaway, a NASA astronomer who was not involved in the study, said he is excited about the new model. "It's based on sound physical principals and it finally answers the 150-year old question of what causes the 11-year sunspot cycle." Hathaway's team agrees with Dikpati that Cycle 24 will be stronger than the last one, but disputes the claim that it will occur later than expected. They believe that large cycles usually start early and that Cycle 24 will start sometime later this year or early next year.

I asked Jim Kennedy, K6MIO, for his input, and he responded:

Thanks for the note. I've been down in CE at our southern telescope for the last couple of months and just got back and began catching up on the snail mail.

Yes, this is a very intriguing model!

I joined the National Solar Observatory's Global Oscillation Network Group (GONG) project (<http://gong.nso.edu>; no "www") some twenty years ago as its Project Manager, just as the program was receiving its first main funding from the National Science Foundation (NSF). (Once the network was deployed 11 years later I moved on to the (nighttime) Gemini Observatory in KH6, but I still enjoy my association with the GONG effort.)

Dr. John Leibacher at NSO had fostered a broad collaboration throughout the small international solar physics community, that included most of the key field leaders at that time, including Peter Gilman at NCAR's High Altitude Observatory in Boulder. The GONG program developed and deployed a worldwide network of automated solar telescopes that continue to monitor the Sun 24 hours a day. The telescopes utilized a special instrument that produces an "velocity image" of the surface of the Sun.

A (nearly) continuous "movie" of the sound waves (seismic waves) appearing on the surface of the Sun is stitched together by merging the data from the six observing sites. Sophisticated mathematical analyses of the movie allows one to produce images of the structure, magnetic field, and motions of the material inside the Sun. Although the mathematical details are different, it is rather like doing a CT scan of the interior of a human.

The National Aeronautics and Space Administration (NASA) added to the overall science effort by funding the Stanford University's Solar Oscillation Investigation (SOI) experiment on the SOHO spacecraft (<http://soi.stanford.edu>; also no "www") to do highly complementary observations from space, under the direction of Phil Sherrer. There was and is a strong overlap between the GONG and SOI science communities, with many collaborations past and ongoing.

Among the holy grails of helioseismology have been understanding, and thus predicting, the details of the solar cycle; and being able to image the activity on and within the entire Sun, including the

"farside" or "backside". It appears that both these goals may really be at hand.

Images of the farside Have been available for some time (<http://gong.nso.edu/data/farside/>) and the quality of these images continues to improve.

The work of Mausumi Dikpati and collaborators at NCAR in producing the Predictive Flux-transport Dynamo Model (http://www.space.com/science-astronomy/060306_solar_cycle.html) appears to be a very promising step forward in actually predicting the details of a future solar cycle based on objective measurements of the evolving internal magneto-dynamic structure of the solar interior.

The good news, if true, is that the model predicts that Cycle 24 will be a very good one. And, once the maximum arrives, farside imaging will enable "see activity coming" around the Sun before it gets to a geo-effective position on the front side.

--Jim

April 2006 DX Reports

The following reports of 50 MHz DX propagation are courtesy of JA1VOK, XE2HWP, W5UWB, K6QXY, G4UPS, K6QXY and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

Listings obtained from the OH2AQ reflector include distances in kilometers. These are determined preferentially from the grids in the post, and otherwise from one or both of the prefixes of the calls. Note that the latter results in VERY rough approximations to the distances, especially for large countries and call areas.

The first entry is *mmddhhii*, where *mm* is the month, *dd* is the day of the month, *hh* is the hour UTC, and *ii* is the minutes after the hour. The year is understood to be 2006. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, D=Telemetry Data, J=Digital, typically JT6M or JT65A for EME, R=RTTY, S=SSB, W=mode not mentioned (or both CW & SSB), H=heard only. BSc = backscatter.

Reports of Africa

CEUTA & MELILLA

04151027 EA9IB 55 1675 50.120 G4PCI
04151031 EA9IB FB PEDRO 1675 50.120 GOCHE

EQUATORIAL GUINEA

04242126 3CVID S8 7841 48.250 V FM5JC

GABON

04242126 TR0A 429 50.049 B FM5JC

GUINEA-BISSAU

04031825 JSUCW 55>IM99 50.110 EA5FX
04041831 JSUCW QRV EU 50.110 CT1FFU
04111644 J5CKA >FK68QA 50.127 WP4NQR

MOROCCO

04151042 CN8MC 549 1675 50.027 G4PCI
04161241 CN8LI IM63>IN73 1119 50.230 EB1EHO
04211656 CN8LI MS IN73DM>JM63N 893 J EB1BMO

ST HELENA IS

04161755 ZD7VC 599 6225 50.006 EA7KW
04161810 ZD7VC 579>IM77 5892 50.006 EB7COL
04161831 ZD7VC 419 5896 50.006 CT1FFU
04172018 ZD7VC 559>IM67 5896 50.007 EA7KW

SOUTH AFRICA

04301634 Z55LEE -26 EME 7987 50.202 IW5DHN

ZAMBIA

04010718 9J2HK 559 QSB 5574 50.110 5B4FL
04101737 9J2HK CW 6061 50.110 SV1LK
04101844 9J2HK S1-5 >KM17UW 50.110 SV1LK
04191750 9J2HK 559 QSB 6991 50.110 CT1FFU
04191755 9J2HK 559 HIRO >JM49OH 6431 IS0GQX
04191810 9J2HK CW 5965 50.112 IT9XDJ

Reports of Asia (MidEast)

CYPRUS

04301708 5B8AV >JN83FM 1740 50.110 H 9A5ST

LEBANON

04081409 OD55IX 59+ 6479 50.077 B ZS6CCY

QATAR

04241411 A71EM 599 1996 50.110 5B4FL
04241413 A71EM 599 1996 50.110 W 5B8AD
04241424 A71EM 579 1996 50.109 5B8AD

UNITED ARAB EMIRATES

04241407 A61Q 569 2335 50.110 5B4FL

Reports of Asia (FarEast)

CHINA

04060813 BD4SI CQ SSB 2478 50.110 JG3LEB
04150312 BD4XA LOUD SSB 2478 50.110 JG3LEB
04150313 BD4XA >QM05 50.110 H JA1VOK
04160130 BD4SI >QM05 50.290 H JA1VOK
04160208 BD4SI >PM95 50.289 S JE1CUS
04160230 BD4XA >QM05 50.110 H JA1VOK
04160231 BD4XA CQ 2478 50.115 JE2OTM
04160234 BD4XA >PM95 50.110 S JE1CUS
04190623 BD4XA CQ 2478 50.110 JR2HCB

JAPAN

04051509 JR9JE 59A/59A JP50 50.110 OZ3ZW
04170426 JA3EGE 51 50.110 H VK4ABW
04271026 JR6EXN 59 >QH30GT 50.110 VK4ABW
04301238 JR6EXN EME 10550 50.032 J WJ1JJ

KOREA,S.

04060538 HL1JV >QM05 50.110 H JA1VOK

MALAYSIA, WEST

04300812 9M2/JR1WZ1 5273 50.110 JA3FYC
04300827 9M2/JR1WZ1 559>PM53 4390 JF2AIA

TAIWAN

04090715 BY TV VID 57 >QH30GT 49.750 V VK4ABW
04220841 BY AUDIO 250* 2414 51.247 JG3LEB
04260449 BY/CHAT 2414 50.100 JG3LEB

VIETNAM

04300653 XV1X CQ CW 3818 50.110 JG3LEB
04300727 XV1X 3818 50.120 JA3EMU

Reports of Europe

ALAND IS.

04131900 OH0JFP 559>JN65>KP00 1713 557RR
04131910 OH0JFP BURST>JO80IK 1127 H SP6MLK
04132031 OH0A 539 >JN65 1713 50.140 H 557RR
04132039 OH0JFP 579 >JN65 1713 .190 557RR

AUSTRIA

04010714 OE5MPL 227 JT6M 980 50.230 OZ1DJJ
04030906 OE5MPL CQ MS 943 50.230 FBRZ
04090852 OE5MPL JT6M IONO 1491 .230 G4PCI
04090920 OE5MPL JN78CJ>IN73DM 1626 EB1EHO
04100946 OE5MPL JN78CJ>IN73DM 1626 EB1EHO
04101052 OE5MPL 838 50.230 J LZ1UQ
04121535 OE5MPL JN18GR>JN78 915 .230 H F5DQK
04160713 OE5MPL 27 JT6M 1556 50.230 GW6TEO
04160718 OE5MPL JT6M 1491 50.227 J GOCHE
04160739 OE5MPL JT6M PETE 1491 .227 J GOGMS
04161035 OE5MPL CQ JT6M MS 1491 .230 G4PCI
04161042 OE5MPL 1915 50.230 EC1DMY
04170722 OE5MPL CQ JT6M 322 50.230 HA2VR
04170805 OE5MPL JT6M PETE 1496 .227 J LA8NK
04221230 OE5UAL CQ 789 50.150 DK2EA

AZORES

04191607 CU3URA 1752 50.013 B CT1FFU

BELARUS

04012316 EU/VID 8465 48.237 KE4WBO

BELGIUM

04081751 ON5PU 1779 50.230 PE2PE
04140812 ON6AB 1785 50.230 DL5NAM
04150953 ON5CT 59+ ES 1587 50.110 EA7KW
04151101 ON3RDP IN61CC>JO21CD 1445 CT1DHM
04151328 ON5CT 1264 50.125 OM7PY
04161047 ON4TQ CQ JT6M 1922 50.230 G4PCI
04161157 ON4TQ CQ JT6M 1922 50.230 GOCHE
04211659 ON6AB JO21EC>IN73DM 1133 EB1EHO
04211702 ON6AB JT6M MS 1922 50.230 G4PCI
04220520 ON6AB JN98>JO21 1086 50.230 HA6NN
04231015 ON6AU 1197 50.160 H HA3HV
04241703 ON6AB JT6M MS 1922 50.230 G4PCI
04280944 ON6AB JO21EC>IN73DM 1133 EB1EHO
04291823 ON5PU 1521 50.230 SO5AS
04300811 ON4AVJ JO11>IN73 1100 .233 J EB1EHO

BULGARIA

04031142 LZ2CM 05W >KN13KE 416 .045 B YO7VS
04040829 LZ2CM 1550ASL/05W>GP 401 B YO7VS
04060818 LZ2CM 599 >KN13NE 401 .045 B YO7VS
04081654 LZ2CM 599 369 50.045 B YO7VS
04082027 LZ1UQ JT6M MITKO 1000 .233 J SP9HWY
04090925 LZ1UQ JT6M 1474 50.234 J IW3SNU
04091604 LZ1UQ JT6M MS 1762 50.233 OZ1DJJ
04150744 LZ1UQ JT6M MITKO 1000 .233 J SP9HWY
04170804 LZ2CM 599 >KN13NE 401 .045 B YO7VS
04170954 LZ1UQ -5DB 1,3 SEC 1474 IW5DHN
04210721 LZ1UQ JT6M MS 1762 50.255 J OZ1DJJ
04220946 LZ4KK JT6M 1474 50.222 J I2KBD
04221147 LZ4KK 1684 JT6M 1762 50.220 J OZ1BNN
04290748 LZ4KK JT6M MS 1762 50.230 OZ1DJJ
04302010 LZ3RX EME JT65 >CM88 50.196 J K6QXY

CAPRI

04011559 IC8CQF PASQUALE 1154 50.233 SP9HWY

CROATIA

04020911 9A1Z 599/599 JN86 368 .100 C HA1YA
04160850 9A8A 59 JT6M 1565 50.230 J GOGMS
04241523 9A6CM 579 JN740D ZADAR 296 S57RR
04301258 9A5T 59/59 JN85UH 328 .111 S HA3HV

CZECH REPUBLIC

04150929 OK1WT 549 CQ >JN65 50.100 H S57RR
04161008 OK2BZQ MS/TROPO JT6M 1111 J SP9HWY
04161036 OK2BZQ MS 1570 50.230 J G4IGO
04161230 OK2BZQ JN99GM 1537 50.230 GOCHE

DENMARK

04010738 OZ1DJJ CQ JT6M 1218 50.230 HA3MQ
04011238 OZ3ZW 25 JO54>JN98 865 .230 HA6NN
04020956 OZ1P1F JO65AN>JN98 917 .230 HA6NN
04021541 OZ3ZW JO54>JN98 865 50.230 HA6NN
04041545 OZ3ZW CQ 1086 50.230 G4IGO
04050843 OZ1P1F MS 1086 50.230 J G4IGO
04060839 OZ3ZW JO54>JN98 865 50.230 HA6NN
04092123 OZ2LD AU 555 50.097 W LA8NK
04092137 OZ1DJJ AU 555 50.090 W LA8NK
04101455 OZ6JD JT6M 1086 50.230 J G4ICI
04101729 OZ3ZW TORBEN 1762 50.233 J LZ1UQ
04111301 OZ1DJJ JT6M MS 1086 50.230 G4PCI
04111315 OZ1DJJ JO65HP>JN18GR 1029 H F5DQK
04111428 OZ3ZW JT6M CQ 1146 50.230 H I2WSG
04111535 OZ3ZW JT6M >JN18GR 947 .230 H F5DQK
04120602 OZ3ZW JT6M MS 1086 50.230 G4PCI
04121854 OZ8ZS JT6M MS 1086 50.230 G4PCI
04122040 OZ2PJ JT6M JO90NH 792 .233 J SP9HWY
04122120 OZ2PJ 20 SEC BURST 555 .230 LA8NK
04131709 OZ2PJ JO65ER>JN18GR 1024 H F5DQK
04131731 OZ2LD JT6M MS 1086 50.222 G4PCI
04132012 OZ2LD JT6M MS 1086 50.230 G4PCI
04132023 OZ2LD FB MS 1086 50.230 J G4IGO
04132058 OZ2LD 559>JN65 1120 50.195 J S57RR
04140747 OZ3ZW FB MS 1086 50.230 J G4IGO
04141033 OZ1TGY 43A JO55>JP20 658 LA4CQ
04151214 OZ2LD 539>JO22QD 524 .101 PA2JWN
04151323 OZ1BNN 55 QSB 1146 50.168 IK5RLP
04160910 OZ2PJ JO65ER>IN73DM 1870 EB1EHO
04161256 OZ2PJ CQ JT6M MS 1086 .230 G4PCI
04191846 OZ8ZS W/ EA3 2038 50.230 H EB1EHO
04211425 OZ1DJJ 41 1146 50.264 J IW3SNU
04220532 OZ3ZW JO54>JN98 865 50.230 HA6NN
04220811 OZ8ZS JO55>IN73 1787 50.226 EB1EHO
04220846 OZ1P1F JO65AN>JN98 917 .230 HA6NN
04221019 OZ1DJJ JO65HP>JN98 905 .230 HA6NN
04221035 OZ1DJJ JO65HP>JN18GR 1029 H F5DQK
04221149 OZ1BNN JORGEN 1762 50.220 J LZ4KK
04221252 OZ1DPR 55>JN65 1120 50.150 S57RR
04250730 OZ2PJ JT6M 1146 50.230 J I2KBD
04250855 OZ2PJ JO65ER>JN98 921 .230 HA6NN
04251454 OZ1TGY 529 JO43>JO55 257 DJ9YE
04251801 OZ50MHZ JO55 222 50.173 DL2NO
04252021 OZ50MHZ LOUD 1086 50.230 J GOGMS
04300758 OZ3ZW CQ 1146 50.222 I2WSG
04300858 OZ1DJJ JT6M 1146 50.233 J I2KBD
04301339 OZ2PJ JN86U 1084 50.160 H HA3HV
04301442 OZ1BNN 1218 50.230 HA3HV
04301430 OZ1DJJ CQ 555 50.230 LA8NK
04301715 OZ8ZS JT6M 1188 50.230 F5DQK

ENGLAND

04010658 G4DEZ JN98>JO03 1423 50.230 HA6NN
04010804 G4DEZ JO03AE>JN18GR 525 H F5DQK
04010809 G4DEZ JT6M 927 50.230 J IK1SOW

04010818	G4DEZ	JT6M 927	50.230	J	I2WSG	04231124	G8XQS/P 333	50.190	GW81ZR	04212211	F5TMJ	NICE ROCKS	50.220	J	IW3SNU	
04010834	G4PUI	>JN18GR 444	50.230	H	F5DQK	04231138	G8BCG/P 333	50.148	GW81ZR	04230735	FLGTU	JN98>JN05 1435	50.230		HA6NN	
04011211	G4DEZ	CQ JT6M 1012	50.230		DF2UQ	04231154	GGUT J001>J031 424	50.170	DH6JL	04230831	F4EGZ	WEAK 1188	50.201	OZ1BN	021DJJ	
04020720	G0CHE	CQ JT6M 333	50.230		GW6TEO	04231200	G8BCG/P I070>J031 853	1.48	DH6JL	04231746	FLGTU	CQ JT6M 1188	50.230	J	GW6TEO	
04020727	G1ZJP	CQ JT6M 333	50.230		GW6TEO	04231311	G8XQS/P CQ 925	50.150	MMOBSM	04232231	F5TMJ	JN03>J071 996	50.230	J	H S57RR	
04020814	G0CHE	CQ JT6M 1814	50.230		HA6NN	04231504	G1OAR JT6M MS 1086	50.230	OZ1DJJ	04241621	F5PAU	539 IM/OUT>JN65 623	50.230		HA6NN	
04021041	G4DEZ	JN98>J003 1423	50.230		HA6NN	04232157	G1OAR JT6M 1202	50.230	H SMLSE	04281536	FLGTU	JT6M 813	50.230		GAUCJ	
04021307	G1OAR	MS PETER 1550	50.230	J	SP9HWY	04241458	G4DEZ JT6M 1814	50.230	HA6CE	04281603	FLGTU	JT6M 1082 971	50.230		GGOMS	
04021544	G4DEZ	JN98>J003 1423	50.230		HA6NN	04251753	GK7VHF J001>J022 295	50.230	J	PEIRZG	04281803	FLGTU	CQ JT6M 813	50.230		OZ1DJJ
04031250	G4DEZ	JN98>J003 1423	50.230		HA6NN	04251804	GK7VHF JT6M MS 1086	50.230	J	OZ1DJJ	04290612	FLGTU	CQ JT6M 813	50.230		GOCHE
04031602	G4DEZ	1533	50.230	J	S59F	04251811	G0CHE CQ JT6M 333	50.230	GW6TEO	04290613	FLGTU	JN05IP>IN73DM 543	50.230		EB1EHO	
04031618	G4DEZ	JN98>J003 1423	50.230		HA6NN	04252054	G0CHE CQ 1922	50.140	ON6AB	04290627	FLGTU	JT6M 155	50.230	J	IW3SNU	
04031849	G1SDX	I080F>IN73DM 781	50.230		EB1EHO	04252118	G4DEZ J003 2003	50.140	ON5PU	04290700	FLGTU	J090NH 1178	50.230	J	SP9HWY	
04040731	G4DEZ	JN98>J003 1423	50.230		HA6NN	04261959	G0GMS 449 925	50.098	MMOCIN	04290705	FLGTU	J188	50.230		OZ32W	
04061954	G4GIO	1814	50.230	J	HA3MQ	04271843	G1OAR I082>IN73 1018	50.230	EB1EHO	04290721	FLGTU	J177	50.230		SQ9QU	
04080854	G4DEZ	J003AE>JN18GR 525	50.230	H	F5DQK	04280737	G4DEZ J003AE>IN73DM 1154	50.230	EB1EHO	04290925	FLGTU	JT6M MS 813	50.230	J	G4PCI	
04080855	G4IDZ	>JN18GR 444	50.230	H	F5DQK	04281013	G8PL J001>IN73 1019	50.230	EB1EHO	04291212	FLGTU	JT6M I081>J050 889	50.230	J	GW3ORL	
04080914	G4DEZ	J003AE>IN73DM 1154	50.230		EB1EHO	04281537	G4DEZ J003AE>IN73DM 525	50.230	H	F5DQK	04300947	FLGTU	J173	50.230		LA8NK
04081813	G0GMS	JT6M TONY 596	50.230	J	PE2PE	04281552	G0GMS 1122	50.220	EA5DWS	04301014	F5LNU	JT6M MS 813	50.235		G4PCI	
04090706	G0CHE	CQ 1412	50.230		LA8NK	04281806	G4DEZ JT6M MS 1086	50.230	OZ1DJJ	04301023	FLGTU	JN05IP>IN73DM 543	50.230		EB1EHO	
04090803	G0CHE	I090>JN18 322	50.230	H	F5DQK	04282302	G1OAR CQ 1412	50.230	LA8NK	04301754	FLGTU	CQ JT6M 813	50.230		G4PCI	
04090808	G4IGD	JT6M 813	50.230	H	F5DQK	04290557	G1OAR PETER 1550	50.230	SP9HWY							
04090906	G0CHE	CQ JT6M 333	50.230		GW6TEO	04290713	G4DEZ JT6M 1456	50.230	OM7PY							
04090917	G0CHE	227 I090>IN73 853	50.230		EB1EHO	04290800	G0CHE I090>JN98 1456	50.222	HA6NN							
04091434	G4DEZ	J003AE>IN73DM 1154	50.230		EB1EHO	04290944	G4PCI CQ 1412	50.230	LA8NK							
04091513	G4DEZ	J021>J003 385	50.230		PE2PE	04291312	G4DEZ CQ JT6M 1922	50.230	ON5PU							
04091926	G4DEZ	J021>J003 385	50.230		PE2PE	04300720	G4IGO I080>IN73 802	50.230	EB1EHO							
04091221	G4DEZ	52A 925	50.100		MMOBSM	04300728	G4IGO JT6M 927	50.214	J	I2KBD						
04111754	G0GMS	5B TONY 1550	50.235	H	SP6MLK	04300911	G0GMS I082>IN73 1018	50.230	EB1EHO							
04112006	G0GMS	722	50.230		LX2SM	04300944	G1OAR 227 CQ 1412	50.230	LA8NK							
04121901	G4PCI	JT6M 1086	50.230	J	OZ8ZS	04301101	G8B3OJ 529 >IN78 827	50.064	B	F6KHM						
04131534	G8VVK	CLG HA4XG 1550	50.230		SP9HWY	04301122	G4DEZ J003AE>IN73DM 1154	50.230	SP9HWY							
04131556	G0GMS	CQ 1412	50.230		LA8NK	04301755	G4DEZ 1412	50.230	LA8NK							
04131751	G4DEZ	J003AE>JN18GR 525	50.230	H	F5DQK	04301817	G4DEZ JT6M 813	50.230	F5DQK							
04132033	GK7VHF	J001>IN73 1019	50.230	J	EB1EHO	04301818	G4DEZ J003AE>IN73DM 1154	50.230	EB1EHO							
04132133	G1OAR	CQ 1412	50.230		LA8NK											
04140556	G8B3VHF	56A QTF 010 925	50.064	B	GMANFC											
04140735	G0CHE	CQ JT6M 927	50.230	H	I2WSG											
04140738	G0CHE	CQ JT6M 333	50.230		GW6TEO											
04140826	G4IGO	I080>IM77 1489	50.222		EB7COL											
04141156	G4PCI	I091AL>IN73DM 928	50.230		EB1EHO											
04141628	G4DEZ	55A CQ 1412	50.104		LA4CQ											
04141721	G4DEZ	55A>I085JW 555	50.104	H	GMOAXY											
04141745	G0GMS	55A I082>I094 258	50.230		G4FVP											
04142235	G4DEZ	I090>MS 1412	50.230	J	LA8NK											
04150854	G0CHE	225 I090>IN73 853	50.230		EB1EHO											
04150855	G4PCI	I091AL>IN73DM 928	50.230		EB1EHO											
04150920	G0CHE	JT6M KEV 1412	50.222	J	LA8NK											
04151304	2E0KBJ	1814	50.145		HA2VR											
04151305	G0JHC	1814	50.145		HA2VR											
04151306	G4DEZ	1814	50.145		HA2VR											
04151311	2E0KBJ	59+ I093>JN86 1471	50.145		9A4K											
04151315	G0XLT	59 I083WV GABTN 1871	50.145		HA3HV											
04151318	G0JHC	559 >JN86FJ 1500	50.100		9A4K											
04151319	G4DEZ	59>JN98 1597	50.140		OM5KM											
04151327	G4DEZ	BRIAN STRONG 1814	50.140		HA1TNX											
04151335	2E0KBJ	59 I093WV 1744	50.140		HA3HV											
04151336	M3SDE	1456	50.155		OM7PY											
04151349	G0JHC	59+ >JN86 1533	50.160		HA2VR											
04151355	G0XLT	55 55 I083WV KEVIN	50.131		HA3HV											
04151356	G0JHC	59 I083P>JN78CJ 1316	50.131		OE5MPL											
04151448	G0JHC	55 BSC 434	50.131		E17BMB											
04151623	G4IGO	SILVIO 927	50.230	J	I2WSG											
04160824	G0CHE	CQ JT6M 1565	50.230		EB1EHO											
04160832	G0CHE	I090>IN73 853	50.230		EB1EHO											
04160844	G4DEZ	1565	50.230	J	HA6NN											
04160943	G0GMS	I082>J021 558	50.230		PE2PE											
04161107	G4DEZ	J003AE>IN73DM 1154	50.230		EB1EHO											
04161313	G4PCI	I091AL>IN73DM 928	50.230		EB1EHO											
04161612	G0GMS	I082>IM77 1708	50.223		EB7COL											
04162102	G4DEZ	JT6M 1202	50.230	H	SMSLE											
04170713	G1IGO	CQ 1412	50.230		LA8NK											
04170745	G4PCI	1412	50.230		LA8NK											
04170830	G0CHE	MS SILVIO 927	50.235	J	I2WSG											
04171100	G0CHE	I090>IN73 853	50.230		EB1EHO											
04180835	G0GMS	I082>IN73 1018	50.230		EB1EHO											
04181316	G4DEZ	J003AE>IN73DM 1154	50.230		EB1EHO											
04190720	G8VVK	J001FO>IN73DM 1009	50.230		EB1EHO											
04190731	G3UYM	CQ JT6M 333	50.230		GW6TEO											
04192124	G0CHE	KEV 813	50.223		F5TND											
04200945	G0GMS	-14 JT6M 3SEC 1202	50.230		SMSLE											
04210659	G8VVK	J001FO>IN73DM 1009	50.230		EB1EHO											
04211020	G0CHE	I090>IN73 853	50.230		EB1EHO											
04211043	G0CHE	I090>IM87 1500	50.235		EA7DFH											
04211227	G0CHE	1675	50.225		CN8LI											
04211457	G8VVK	JT6M 1412	50.230	J	LA8NK											
04211714	G4PCI	I091AL>IN73DM 928	50.230		EB1EHO											
04212031	G0GMS	K002 1667	50.230		S0SAS											
04220555	G0CHE	CQ JT6M 1922	50.230		ON6AB											
04220643	G4DEZ	JN98>J003 1423	50.230		HA6NN											
04220710	G0CHE	KEV 1122	50.227	J	EB7COL											
04220741	G4IGO	I080>JN98 1597	50.230		HA6NN											
04220806	G0CHE	JT6M 927	50.227	J	I2KBD											
04220854	G4PCI	I091AL>IN73DM 928	50.230		EB1EHO											
04221020	G3DEZ	CQ 1814	50.230		HA2RD											
04221039	G1OAR	I082S>JN														

04241602 HA8CE JN98>KN06 238 50.230 HA6NN
04260639 HA3UU JT6M 1085 50.230 J IW3SNU
04261726 HA8CE JT6M KN06EN>JO55 1188 J O28ZS
04270822 HA3UU JT6M 1871 50.230 GW6TEO
04271026 HA8CE PISTA 546 50.227 J L21UQ
04271503 HA8CE 37 JT6M 306 50.230 S53AK
04280820 HA3UU MS 1197 50.230 J ON6AB
04291311 HA6NN JT6M 1329 50.226 J PA2V
04300709 HA8CE JT6M 1085 50.230 J I2KBD
04300744 HA3GR 599 JN86>JN86 50.096 9A8A
04300745 HA8CE JT6M 1238 50.244 F5DQK
04300814 HA8CE MS JT6M 1814 50.244 J GOCHE
04300826 HA8CE PISTA 1197 50.244 J ON5PU
04301250 HA3HV MS>JO50UF 859 50.111 H DK2EA
04301332 HA3HV 1054 50.160 W DL3WJ
04301344 HA3HV 1218 50.160 O22PJ
04301401 HA3HV 1218 50.160 O21BNN
04301438 HA8CE 1190 JT6M 1218 50.245 J O21BNN

IRELAND

04141733 EI7BMB 55A>IO85JW 595 .136 GMOAXY
04141736 EI7BMB 54A>IO75QH 513 .136 MMOTFU
04291304 EI7IX IO53>IN73 1135 50.230 J EB1EHO

ISLE OF MANN

04151430 GD0TEP 559 559 IO74 2026 HA3HV
04151443 GD0TEP CQ 464 50.097 G0JHC
04201539 GD0TEP IO74>IN73 1221 .230 J EB1EHO
04230919 GDEMG CQ 464 50.157 G4PCI

ITALY

04010808 IK1SOW JN18GR>JN35 492 .230 H F5DQK
04010810 IK1SOW 927 50.230 G0GMS
04011626 IW5DHN -20DB EME 9535 .190 J WTGJ
04020849 IW3SNU>IV3 JT6M JN66 1256 J GOCHE
04020857 IW3SNU>IV3 JN66>IO82 1329 J G0GMS
04020902 IW3SNU>IV3 JN18GR 492 .230 H F5DQK
04021059 IW3SNU>IV3 CQ JT6M 927 .230 GOCHE
04021119 IW3SNU>IV3 JN66>IO71 1420 GW6TEO
04061921 IW3SNU 1085 50.230 HA3MQ
04080722 I2WSG JN45>IO71 1225 50.230 GW6TEO
04080746 I2KBD JN45>IO71 1225 50.230 GW6TEO
04080755 IW4ARD JN64FD>IN73DM 1455 EB1EHO
04081506 I2KBD JT6M MS 927 50.223 J GOCHE
04090941 IW3SNU IONO 927 50.230 G0GMS
04090950 IW3SNU JT6M 927 50.225 J GOCHE
04091703 IK5ZUL 539 TR JN52>JN65 369 B S57RR
04121146 I2WSG JN45OA>IN73DM 1197 EB1EHO
04131938 IV3SIX 56 TR>JN68NE 553 OE5UAL
04131940 IW0FFK 579>JN65 467 50.151 S57RR
04140817 I2WSG JN45OA>IN73DM 1197 EB1EHO
04140827 I2WSG 927 50.230 G4DEZ
04150845 IK1GSO JN45>IN73 1184 .230 H EB1EHO
04151039 I2OAG 59>JP60 1713 50.150 LA9DFA
04151619 I2WSG MS 927 50.230 J G4IGO
04160714 I2WSG JT6M W/GW3ORL 1143 GW6TEO
04170724 IW4ARD GIANNI 1474 50.225 J L21UQ
04171036 IW5DHN FAST 927 50.236 J G0GMS
04190646 I2WSG -3 DB JT6M 927 50.230 G4UCJ
04191639 IK5ZUL 599 >IM59 1462 .019 B CT1FFU
04211521 IW3SNU JT6M 1188 50.235 J SM5LE
04212129 IW3SNU VERY FAST 1049 .230 SO5AS
04220637 IW4ARD JT6M 1319 50.235 J Z38C
04220805 I2KBD FB MS JT6M 927 50.227 GOCHE
04220813 I2WSG JN45OA>IN73DM 1197 EB1EHO
04220853 I2WSG JT6M QSO 1049 50.233 J SP9HWY
04221004 I2KBD JT6M 791 50.230 H PE1MZS
04221013 IK1SOW JN35>IN73 1030 .225 EB1EHO
04221212 IOUGB CQ 1146 50.180 O21BNN
04221213 IOFHZ CQ 1146 50.225 O21BNN
04221224 IOUGB LIGHTNING-Sc 934 .180 H DK2EA
04221226 I2IGCV 59 JN65>JN35VH 467 S57RR
04221231 I1CRB BIELLA JN45AN 698 S57RR
04221238 IOUGB 59>JN65>JN62BO 467 S57RR
04221240 IK2BCE CQ JT6M 1146 50.230 O21DJJ
04221242 IOUGB CQ 791 50.180 PE1MZS
04221306 I2SBLN JN35MU 577 50.160 S57RR
04221311 I2SBLN >JN86UK 792 50.160 H HA3HV
04221342 IW6CDA JN63>JO50 792 50.160 H DK2EA
04221359 IOFHZ 59+ JN65>JN62AP 467 S57RR
04250726 I2KBD 26R JO65ER 1197 .230 O22PJ
04250840 I2KBD JN98>JN45 814 50.230 HA6NN
04251250 IOKFTA CQ JT6M 1143 50.230 GW3ORL
04251423 IW5DHN JT6SA CQ EME 927 G4PCI
04251441 IW5DHN 29 CQ EME 927 50.199 G4IGO
04271600 IK4DCX 1085 50.233 J HA8CE
04271610 I5MXX 599 1121 50.007 EA7KW
04281044 IW3SNU JN65>IN73 1495 .230 H EB1EHO
04281815 I2KBD JT6M MS 927 50.230 G4PCI
04300650 IW4ARD JN64FD>IN73DM 1455 EB1EHO
04300847 I2WSG JN45>IO82 1168 50.220 J G0GMS
04301229 IW5DHN JN53>EM89 7392 .202 W28D
04301548 IH9GPI CQ 686 50.110 H IS0GQX
04301611 IKHFX 1019 50.230 ON4ADP

JAN MAYEN

04140513 JX7SIX 55A >KP33 1712 .079 B OH7RJ

LUXEMBOURG

04080836 LX0SIX 519 JN39>JO43 465 B DL2NO
04081531 LX0SIX 419 JN39>JO50 306 B DK2EA
04141634 LX0SIX 419>JO50UF 410 TR B DK2EA
04151056 LX0SIX 319 QSB 523 50.022 B DL1NUX
04161415 LX0SIX JN39>JO33 444 50.022 B PC5C
04251539 LX0SIX 519 >JO43 465 50.023 B DL2NO

MACEDONIA

04212109 2322M 1509 50.110 D07LZ

MALTA

04021414 9H1JJ CQ JT6M 1698 50.230 H SP9HWY
04171609 9H1AW 1299 50.110 IW9HLM

04191703 9H1SIX 559 JM75>JO50 1698 B DK2EA
04220831 9H1XT JT6M 1299 50.227 I2KBD
04271037 9H1XT JT6M NICE ROCKS .235 IW3SNU
04301549 9H1AW CQ CW 690 50.110 H IS0GQX
04301551 9H1AW 557 >JM56XT 1055 50.110 IH9GPI

NETHERLANDS

04081733 PE2PE CQ MS JT6M 596 50.230 G4IGO
04081748 PE2PE R26 R26 1779 50.230 J ON5PU
04091131 PBOP JT6M TROPO 596 50.227 J GOCHE
04091146 PBOP FB JT6M 791 50.230 J IW3SNU
04111811 PE1CZG FB BURSTS 992 50.230 SP9HWY
04112115 PE1CZG 961 50.230 LA8NK
04122134 PE1CZG CQ 961 50.230 LA8NK
04151338 PA2V 956 50.100 OM7PY
04151339 PA2V 599 1329 50.100 HA3HV
04151459 PI7SIX 519>JO31TO TR 350 B DL2DR
04161907 PA5JS JO21>IN73 1194 50.230 EB1EHO
04171646 PA5JS CQ JT6M 546 50.230 GW6TEO
04172132 PE1CZG TROPO/MS 596 50.220 J G0GMS
04211729 PA5JS JO21>IN73 1194 50.230 EB1EHO
04221032 PE1GUR 305 JO22>IN73 1274 H EB1EHO
04221150 PE1GUR JO22>IN73 1274 .230 EB1EHO
04222323 PE1CZG JT6M MNI ROKS 1032 OK2POI
04231446 PE1RGZ CQ JT6M 1779 50.230 ON6AB
04241310 PE1GUR JO22>JN98 1083 .230 HA6NN
04271337 PE1RGZ CQ 416 50.230 DH6UL
04271838 PE1RGZ CQ 546 50.230 GW6TEO
04291307 PA2V JO22IM>JN98 1102 .226 HA6NN
04301039 PA3GDY JT6M JO90NH 1007 J SP9HWY
04301042 PC5C FB RINZE 596 50.233 J G0GMS
04301135 PA3GDY WEAK PNGS 992 50.230 SO5AS
04301304 PA5JS JO21>IN73 1194 50.230 EB1EHO
04301719 PA5JS JT6M 778 50.230 F5DQK

NORWAY

04010912 LA7VH JT6M MS 1412 50.230 G4PCI
04021547 LA7VH JO59EK>JN98 1337 .230 HA6NN
04030950 LA7AJ JO59AA>JN98 1306 .230 HA6NN
04050852 LA7VH FB MS 1412 50.230 J G4IGO
04051444 LB9JE 59A/59A 555 50.135 O21BNN
04051505 LA2IM 57A JP43 349 50.160 LA6PV
04051528 LASANA JP53KP 913 50.106 SM1TDE
04061306 LA7AJ CQ JT6M 1412 50.230 G4PCI
04091512 LA7HJA 57A 50.100 H LA4CQ
04101108 LA7AJ JT6M 1387 50.230 J OM7PY
04121628 LA7AJ 1686 50.233 HA3HV
04122053 LA8NK 555 50.230 O22PJ
04131612 LA8NK JT6M 1412 50.230 J G0GMS
04131712 LA7KJ JT6M >JN18GR 1414 H F5DQK
04131721 LA4LN JP50JA 50.140 LA1V
04132011 LA4LN 59+ 1604 50.140 H S57RR
04141519 LA8AV 55A 50.098 LA4CQ
04141555 LA8AV 58A JO49>JP20 248 LA4CQ
04141625 LA8NK 53A 50.096 LA4CQ
04141653 LA6BB AU 50.090 W LA8NK
04170718 LA8NK FB MS 1412 50.230 J G4IGO
04170741 LA8NK JT6M MS 1412 50.237 J G4PCI
04212026 LA8NK 1218 50.230 J SO5AS
04222113 LA8NK JT6M 568 50.230 J SM5LE
04230714 LA7VH JT6M MS 555 50.230 O21DJJ
04231443 LA7VH CQ JT6M 1412 50.230 G4PCI
04231721 LA7VH KJELL 1218 50.230 J SP9HWY
04232147 LA7VH CQ JT6M 568 50.230 H SM5LE
04232239 LA7VH JT6M 1218 50.230 SO5AS
04240554 LA7VH JT6M 1218 50.230 J SO9QU
04250659 LA7AJ JT6M 1688 50.230 J I2KBD
04250800 LA7AJ JT6M 555 50.230 J O22PJ
04300820 LA7AJ JT6M MS 1412 50.235 G4PCI
04301158 LA8NK JT6M 1387 50.230 OM7PY

POLAND

04011454 SO5AS CQ JT6M 1550 50.230 GOCHE
04020742 SP9HWY JT6M MS 1550 50.230 G4PCI
04021018 SP9HWY CQ JT6M 1550 50.230 GOCHE
04021546 SO5AS JT6M 770 50.230 J O23ZW
04071513 SP9HWY CQ JT6M 770 50.230 O21DJJ
04071910 SP9HWY JT6M 468 50.230 J HA0DU
04081001 SP9HWY FB JT6M 1049 50.230 J I2KBD
04082025 SP9HWY JUREK 1000 50.233 J L21UQ
04101532 SP9HWY JT6M MS 1550 50.230 G4PCI
04111845 SP9HWY JT6M MS 1550 50.230 G4PCI
04121527 SP9HWY JT6M MS 1550 50.230 G4PCI
04121530 SP9HWY CQ 1218 50.230 LA8NK
04121650 SP9HWY 468 50.233 J HA3HV
04121714 SP9HWY CQ 1218 50.230 LA8NK
04122020 SP9HWY 26 JO65ER 729 50.230 O22PJ
04131928 SP6MLK FB >JN65 712 50.156 S57RR
04150821 SP9HWY JT6M MS 1550 50.225 J GOCHE
04150832 SP9HWY JT6M 1550 50.237 J G4PCI
04151345 SP6HED 59 JO80IK>IO90IR 1267 G7RAU
04151348 SP9PLCV JO90KP>IO90IR 1423 G7RAU
04151350 SP9PLCV 59 1550 50.130 G4PCI
04151354 SP9HWY 59 JT6M ES 1550 .233 G4PCI
04151450 SP2B JO94>IO91 1373 50.102 G4RGK
04160625 SP9HWY 1521 50.230 J ON6AB
04160934 SP6HED JO80>IO82 1397 .230 J G0GMS
04161148 SP9HWY LOUD 1521 50.230 ON4TQ
04162030 SP9HWY JT6M FAST 685 50.230 J SM5LE
04212006 SO5AS CQ 1218 50.230 LA8NK
04212126 SO5AS QUICK JT6M 1049 .230 J IW3SNU
04221523 SQ9QU JO90KH>IO73 1667 .230 GW81ZR
04221541 SP9HWY JO90NH>IO73 1683 GW81ZR
04221820 SQ9QU JT6M 685 50.236 J SM5LE
04222029 SO5AS JT6M MS 770 50.230 O21DJJ
04222030 SO5AS CQ 1218 50.230 LA8NK
04222036 SO5AS JT6M MS 1550 50.230 G4PCI
04230918 SQ9QU JT6M 1049 50.236 J IW3SNU
04231140 SQ9QU JT6M MS 1550 50.225 J GOCHE
04231156 SP9HWY CQ JT6M 1550 50.230 GOCHE
04231259 SO5AS JT6M MS 1550 50.230 G4PCI
04231439 SQ9QU JT6M MS 770 50.235 J O21DJJ
04231705 SP9HWY JT6M MS 1550 50.230 G4PCI
04231742 SQ9QU JT6M MS 770 50.230 O21DJJ
04232059 SP9HWY CQ JT6M 770 50.230 O21PIF

04241040 SQ9QU JO90KH>JN98 201 .090 HA6NN
04271306 SQ9QU JO90KH>JN98 201 .230 HA6NN
04271839 SP9HWY JT6M JO55>JO90 770 O28ZS
04281640 SQ9QU 265 50.109 OM7PY
04281701 SQ9QU VY POOR 468 50.094 HA2EQD
04290905 SP9HWY JO90NH>JN98 201 .230 HA6NN
04291012 SP9HWY CQ JT6M 1550 50.230 GOCHE
04291215 SP9HWY JT6M 992 50.233 PA2V
04291807 SO5AS JT6M CQ 1521 50.230 ON5PU
04291820 SO5AS JT6M 1521 50.230 J ON5PU
04300652 SQ9QU JT6M MS 1550 50.230 J G4PCI
04300937 SP9HWY JT6M 1177 50.236 F5DQK
04301129 SO5AS AUDIBLE>JO21RX 984 PA3GDY
04301140 SO5AS JT6M MS 1550 50.230 G4PCI
04301606 SQ9QU JT6M SEBASTIAN 770 J O21BNN

PORTUGAL

04151037 CTIFJO 59 1760 50.115 ON5CT
04151050 CTOSIX 519>JO31TO 1904 .031 B DL2DR
04151057 CTIDHM 59+ 1760 50.115 ON5CT
04151114 CTIFJC 59>IO91LO 1641 .145 H M5BFL
04151115 CTIFJC 59+ MARK 1479 50.107 GOCHE
04151151 CTIFJC IM57OC>JO01GN 1767 G4FUF
04161252 CTIFFU IM59KJ>IN73DM 539 EB1EHO
04161303 CTIFFU IM59>IO91 1470 .230 MOBCC
04171157 CTIFFU IM59>IO71 1369 .215 GW6TEO
04221752 CTIDHM IM61CC>IN73DM 318 EB1EHO
04231136 CTIDHM JT6M MS IO81>IO61 J GW3ORL
04231503 CTIDHM CQ JT6M 1479 50.230 GOCHE
04241051 CTIFFU JT6M MS IO81>IM89 J GW3ORL

ROMANIA

04151322 YO2IS 1773 50.100 PA2V
04171011 YO6OS JO90NH 793 50.233 SP9HWY
04171252 YO5BD WEAK 1579 50.230 J O23ZW
04220644 YO5BD JT6M 1579 50.230 J O21BNN
04220703 YO2IS SULI 1462 50.230 J ON6AB
04220757 YO2IS 2282 50.230 G4DEZ
04220807 YO2IS JT6M 1773 50.230 H PE1MZS

RUSSIAN FEDERATION

04151229 UZ5DU VY WEAK >1807 868 H O21BNN
04151248 UZ5DU 57 QSB 868 50.135 O21DPR
04151312 UZ5DU 59 KN18MD>JO01GN 1648 G4FUF
04151321 UZ5DU 55 KN18MD>IO90IR 1709 G7RAU
04151326 UZ5DU 59 KN18>IO91 1723 G41FX
04151329 UZ5DU 59 KN18MD 1895 50.135 GOCHE

SARDINIA

04171739 ISO/IOJU MS 1540 50.227 J G4IGO
04171808 ISO/IOJU JT6M JN40>JO55 1674 O28ZS
04171933 ISO/IOJU JN40DD>IN73DM 1200 H EB1EHO
04171955 ISO/IOJU MS>TORINO 686 .227 IWA2J
04172011 ISO/IOJU FB 1540 50.227 J G0GMS
04220844 ISOGQX JM49OH>IN73DM 1326 EB1EHO
04151321 ISOGQX JT6M 1540 50.227 J GOCHE
04300823 ISOGQX JM49OH>IN73DM 1326 H EB1EHO

SCOTLAND

04010921 MM3FYA JT6M MS 925 50.230 G4PCI
04011228 GM4WAJ CQ JT6M 925 50.230 GOCHE
04020642 GM4WAJ 2082 50.230 J S59F
04032325 GB3LER GOROD IP90>IN96 1556 B F5TND
04041754 GB3LER 53A>IO75 603 50.064 B MMOAMW
04051520 GB3LER 55A 656 50.064 B LA6PV
04081357 GM4WAJ JT6M MS 925 50.230 J G4PCI
04092125 GM4WAJ 56A>IO91 866 50.110 G41FX
04092132 MMOBS 57A IO86>IO91 570 G41FX
04102144 GM4WAJ 1036 50.230 LA8NK
04140557 GB3LER 56A 404 50.064 B GM4NFC
04141026 GB3LER 57A IP90>JP20 328 B LA4CQ
04141029 GB3LER 51A 404 50.064 B GM4NFC
04141035 GB3LER 419+MS 1118 50.064 B G4PCI
04141057 GM4NFC 55/52 IO94FM>IO75RI G4FVP
04141058 GB3LER 52A >IO94 667 50.064 B G4FVP
04141118 GM4WAJ WEAK AU>IO91 866 G41FX
04141509 GMBORG CQ JT6M 1350 50.230 LX2SM
04141543 GB3LER 55A IP90>JP20 328 B LA4CQ
04141614 GMBORG CQ JT6M 925 50.230 G4PCI
04141650 GM4ILS 54A 1005 50.099 PA2V
04141719 GM4ILS 53A 2744 50.103 ON6AB
04141722 GMOAXY 55A IO85>IO91 463 G3JHM
04141723 GM4ILS 55A>IO74 461 50.103 G14FUE
04141724 GM4ILS 1036 50.102 LA8NK
04141728 GM4ILS 56A 925 50.102 G4IGO
04141735 MMOAMW 788 50.147 EI7BMB
04141750 GM4ILS 55/54 IO94FM>IO87IP G4FVP
04141752 GM4ILS 41A IO90IR>IO87IP 779 G7RAU
04142039 GB3LER 57A 404 50.064 B MMOAMW
04151528 GB3LER 55A IP90>JP20 328 B LA4CQ
04151703 GB3LER 53A 404 50.064 B MMOAMW
04161452 GMBORG IO86LL>IN73DM 1452 EB1EHO
04191819 MMSAJV IO71>IO88 788 50.222 GW6TEO
04201507 MMSAJV JT6M MS 608 50.227 J GW3ORL
04202135 GM4WAJ CQ 1036 50.230 LA8NK
04210622 GMBORG IO86LL>IN73DM 1452 EB1EHO
04212002 GM4WAJ JT6M JOHN 1882 .230 J SP9HWY
04220821 GMBORG 59 IO73>IO86 353 H GW81ZR
04220827 GMBORG IO86LL>IN73DM 1452 EB1EHO
04220857 GMBORG JT6M 1726 50.227 J I2KBD
04221613 GM4NFC 57 925 50.150 G4KCT
04222013 ZMOBAE JT6M MS 925 50.230 G4PCI
04222119 ZMOBAE JT6M 1250 50.230 H SM5LE
04231128 GM4ZUK/P 608 50.146 GW81ZR
04231437 GMBVXB IO97AQ>JO43 829 .230 H DJ9YE
04300938 GM4WAJ 1036 50.230 LA8NK
04300954 GM4WAJ JT6M 1726 50.225 J I2KBD

SLOVAKIA

04061534 OM7PY JT6M 265 50.230 SP9HWY
04151343 OM7PY JN98>JO01 1357 50.100 G4FUF
04291037 OM7PY 57 TR 265 50.230 SP9HWY
04300748 OMLBM 579/579 82 50.094 HALFV

SLOVENIA

04010752 S59F CQ JT6M 306 50.230 HA3MQ
04020810 S59F JT6M IVO 1533 50.230 J GOCHE
04021346 S59F CQ JT6M 1619 50.230 GW6TEO
04031604 S59F 1533 50.230 J G4DEZ
04041533 S57RR CQ 779 50.100 IK2UTT
04061653 S59F CQ JT6M 1533 50.230 GOCHE
04080824 S59F JN65>IN73 1495 50.230 EB1EHO
04091715 S57RR 559 JN65 TR 627 1.100 HALYA
04091717 S59A 5994 306 50.100 HALYA
04131929 S57RR 559 ROBERTO 468 1.156 SP6MLK
04131937 S57RR 57-8 779 50.168 IK5RLP
04140801 S59F JN65>IN73 1495 50.230 EB1EHO
04141450 S59F GD SIGS 1533 50.230 J GOCHE
04150811 S59F JT6M MS 1533 50.230 G4PCI
04150816 S59F JN65>IN73 1495 50.230 H EB1EHO
04160648 S59F 1053 50.233 ON6AB
04160925 S50W 932 50.145 F8RZ
04160931 S50W BURSTS 932 50.145 F4EGZ
04160945 S50W 599 306 50.096 HALYA
04160957 S50W 35EC>J021 1034 50.096 H PA5MW
04181331 S59F JT6M MS 1533 50.230 G4PCI
04190959 S59F JN65>IN73 1495 50.230 EB1EHO
04220602 S54T QUICK JT6M 1533 50.230 J GOCHE
04220605 S54T HUGE SIGS 1053 50.230 ON6AB
04220622 S54T JT6M 468 50.233 SP9HWY
04221445 S57RR 59 779 50.220 IW2NXXI
04221452 S57RR 887 50.220 H DK2EA
04221510 S57RR 306 50.160 W HAH3V
04221610 S57RR 887 50.195 W DK2EA
04270727 S54T JT6M MS 1533 50.230 GOCHE
04281133 S59F JT6M MS 1084 50.230 OZ1DDJ
04281152 S59F JT6M CQ 1533 50.232 G4UCJ
04301559 S59F JN65>IN73 1495 50.230 H EB1EHO
04301614 S59F JT6M IVO 1366 50.230 GU8FBO
04301704 S59F JT6M MS 1533 50.230 G4PCI

SPAIN

04011912 E42URA 59 50.130 CT1FMX
04020644 EA2RL/P IN83 671 50.205 F6FHP
04021810 EB1EHO JT6M 1122 50.230 GOCHE
04031317 EB1EHO JT6M MS 1122 50.230 G4PCI
04031813 EB1EHO JT6M MS 1122 50.230 G4PCI
04031816 EB1EHO VY LOUD 1122 50.230 GOGMS
04080956 EH4CRP IN73DM>IM68 568 20.230 EB1EHO
04080959 EH4CRP CQ JT6M 1453 50.230 GW6TEO
04081312 EB1EHO JT6M MS 1122 50.230 G4PCI
04081328 EB1EHO JT6M MS 1122 50.230 J GOCHE
04090829 EB2DVT JT6M 983 50.233 H F5DQK
04090912 EB1EHO CQ JT6M 1453 50.230 GW6TEO
04091922 EB1EHO IN73DM>J021 1194 50.230 PE2PE
04100653 EB1EHO JT6M 1453 50.230 GW6TEO
04110653 EB1EHO CQ JT6M 1453 50.230 GW6TEO
04111412 EA3AXV JT6M MS 1122 50.230 G4PCI
04111419 EA3AXV JN18R 1091 50.230 H F5DQK
04111439 EA3AXV JT6M 2038 50.230 J OZ3ZW
04111706 EA3AXV JT6M MS 1122 50.230 G4PCI
04111712 EA3AXV CQ JT6M 2161 50.230 SP6MLK
04111721 EA3AXV FB IONO/MS 1122 20.230 J GOGMS
04111835 EA3AXV CQ JT6M MS 1122 50.230 G4PCI
04121206 EB1EHO JT6M MS 1121 50.230 I2WSG
04121227 EB1EHO JT6M MS 1122 50.230 G4PCI
04121234 EA3AXV IN73DM>JN01 593 20.230 EB1EHO
04121347 EA3AXV JT6M MS 1121 50.230 H I2WSG
04121509 EA3AXV 6,4S 10DB 2161 20.230 J SP9HWY
04121958 EA3AXV JT6M 1534 50.230 PF7M
04130704 EA3AXV IN73DM>JN01 593 20.230 EB1EHO
04130810 EB1EHO CQ JT6M MS 1122 20.230 G3UYM
04131658 EA3AXV FB SIG QUM 1122 50.230 J GOCHE
04131719 EA3AXV JN18GR>J001 812 20.230 H F5DQK
04140734 EB1EHO GOOD REF IN73 976 50.230 I2WSG
04140737 EB1EHO CQ JT6M 1453 50.230 GW6TEO
04140828 EB7COL FB MS 1122 50.222 J G4IGO
04141025 EA3AXV CQ JT6M 1122 50.230 GOCHE
04141049 EA3AXV 30SEC IONO 1122 20.230 G4DEZ
04141054 EA3AXV JT6M IONO 1122 20.230 G4PCI
04141106 EA3AXV IN73DM>JN01 593 20.230 H EB1EHO
04141148 EB1EHO JT6M MS 1122 50.230 G4PCI
04141739 EB1BMO 448>I0750I 1651 1.100 GM4WZL
04141805 EA3AXV CQ JT6M 1122 50.230 GOCHE
04141829 EA3AXV 20DB FB IONO/MS 1122 50.230 GOGMS
04150801 EB1EHO JT6M MS 1122 50.230 G4PCI
04150830 EA3AXV IN73DM>JN01 593 20.230 EB1EHO
04150838 EA3AXV CQ JT6M 1121 50.230 IK1XPX
04150911 EA3AXV JT6M 1122 50.225 J G1OAR
04150938 EB1EHO 33 JT6M 1453 50.230 GW6TEO
04150954 EA3VHF >I092 1368 50.070 B G0PQO
04150955 EA3SIX 599 JN01>I090 1041 50.230 B G7RAU
04150959 EA3AXV 59 JT6M ES 1122 20.230 G4PCI
04151021 EA3AXV IN88>I071 362 50.225 GW6TEO
04151022 EA7WK 594 1587 50.135 ON5CT
04151023 EB5EEO 59 IM98>I092 1556 50.230 G0PQO
04151024 EB5EEO 59 1122 50.155 J GOCHE
04151028 EA3AXV JN01>J021 1152 20.230 PE2PE
04151029 EB5EEO IM98 1343 50.155 M0BCG
04151030 EH1MR IN63FA>JN48 1416 1.111 DL4KG
04151032 EH5BXI CQ 1122 50.125 G4PCI
04151033 EH5BM CQ CW 1122 50.108 M0BCG
04151035 EA1KV 1878 50.097 DL4KG
04151038 EB1GQB 599 IN82>J001 1042 50.230 G4FUF
04151044 EA4CJT 579 CQ 1122 50.095 G4PCI
04151046 EA3CQO 59 QSB 1122 50.130 G4PCI
04151055 EB1GQB 599 IN82SL 1261 1.096 PF7M
04151058 EB1GQB CQ 1534 50.096 PE1M
04151109 EB1GQB 559>JN65 1561 50.097 S57RR
04151129 EB7HAF IM77CF>J001GN 1669 50.230 G4FUF
04151157 EB7AZN CQ DX 1122 50.130 G4PCI
04151159 EA4ST 594 1453 50.150 GW8ASD
04151200 EA7GO IM87>I083 1730 50.160 GW8ASD
04151230 EB1BMO CQ JT6M 1122 50.230 G4PCI
04151523 EA3AXV 58 1122 50.230 G4IGO
04151610 EA3AXV JT6M MS 1122 50.230 G4PCI
04160813 EA3AXV IN73DM>JN01 593 20.230 EB1EHO
04160814 EA3AXV JT6M MS 1122 50.230 G4PCI
04160822 EA3AXV 55 JT6M TONO 1122 50.230 J G4PCI
04160846 EB7COL JT6M 1122 50.222 J GOCHE

04160847 EA3AXV CQ JT6M 2038 50.230 OZ1DDJ
04160851 EA3AXV CQ 1878 50.230 DL2NO
04160857 EB1EHO CQ JT6M 2038 50.230 OZ1DDJ
04160920 EB1EHO IN73DM>J065ER 1870 50.230 OZ2PJ
04161235 EB1EHO CQ JT6M 1122 50.230 GOCHE
04161247 EB1EHO 555 50.230 J CN8LI
04161302 EB1EHO CQ MS IN73 688 20.230 CT1FFU
04161338 EB1EHO JT6M MS 1122 50.230 G4PCI
04161343 EA3STX IM88>JN01 476 50.055 B EA5AGR
04161618 EB7COL IM77>I082 1674 20.230 J CN8LI
04161835 EB1EHO CQ 555 50.230 CN8LI
04161940 EB1EHO JT6M MS 1122 50.230 G4PCI
04170817 EA3AXV IN73DM>JN01 593 20.230 EB1EHO
04171028 EA3AXV JT6M 2188 50.230 J H4CME
04171108 EB1EHO 599>J030BU 1449 20.230 DJ2ML
04171124 EB5EEO JT6M MS 1122 50.230 J GOCHE
04171130 EB1EHO CQ JT6M 1122 50.230 G4PCI
04171152 EB1EHO JT6M MS 1122 50.230 GOCHE
04171549 EA3AXV JT6M IONO 1122 20.230 G4PCI
04171659 EB7HAF CQ JT6M 1122 50.230 F4EGZ
04180654 EB1EHO CQ JT6M 1453 50.230 GW6TEO
04181211 EB7DBX IM67LG>IN73DM 703 50.230 EB1EHO
04181655 EB1EHO JT6M MS 1122 50.230 G4PCI
04181730 EB7DBX IM67LG>IN73DM 703 50.230 EB1EHO
04181734 EH5AX CQ PSK J065ER 2115 50.230 OZ2PJ
04181827 EA3AXV JT6M MS 1122 50.230 G4PCI
04190708 EB1EHO CQ JT6M 1453 50.230 GW6TEO
04191426 EA3AXV JT6M IONO 1122 20.230 G4PCI
04191521 EH2AOV CQ PSK31 2038 50.250 OZ2PJ
04191625 EA3AXV CQ JT6M 1371 50.230 LX3SM
04191815 EA3AXV JT6M MS 1122 50.230 G4PCI
04191848 EA3AXV W/ OZ8ZS 1371 50.230 LX3SM
04191903 EA3AXV JT6M JN01>J055 1717 50.230 OZ8ZS
04192106 EB1EHO CQ JT6M 1122 50.230 GOCHE
04201156 EA3AXV JT6M MS-IONO 1453 50.230 GW3ORL
04201159 EA3AXV JN01>IN73DM 593 20.230 EB1EHO
04201804 EB1EHO CQ JT6M 1122 50.230 GOCHE
04210646 EA7DUD IM76>IN73DM 782 20.230 EB1EHO
04210836 EB1EHO LUIS IN73>I082 1011 50.230 J GOGMS
04210846 EB1BMO I081>IN73 1232 20.230 J GOGMS
04211032 EA3AXV JN01>IN73DM 593 20.230 EB1EHO
04211042 EA3AXV CQ JT6M 983 50.230 F5SDS
04211058 EA3AXV JT6M 1122 50.230 GOCHE
04211219 EA7DUD CQ JT6M 1122 50.230 GOCHE
04211234 EA3AXV JN01>IM58 913 50.230 CT1DRB
04211300 EA5AGR IM88>IN73DM 602 20.230 GOCHE
04211600 EB1EHO CQ JT6M 1122 50.230 GOCHE
04211634 EA3AXV CQ JT6M 1122 50.230 GOCHE
04211651 EB1BMO JT6M 555 50.230 J CN8LI
04211658 EB1EHO JT6M MS 1122 50.230 G4PCI
04211712 EA3AXV JT6M MS 1122 50.230 G4PCI
04211844 EA3AXV JT6M IONO 1122 20.230 G4PCI
04211851 EA3AXV IONO SCATTER QUM 50.230 GOGMS
04220708 EB7COL JT6M MS 1122 50.227 J GOCHE
04220724 EA7DUD JT6M MS 1122 50.227 GOCHE
04220728 EA3AXV 25 JT6M LOUD 1122 50.230 GOCHE
04220808 EB1EHO JT6M IN73>J055 1756 50.230 J OZ8ZS
04220834 EB7HAF JT6M MS 1122 50.245 J GOCHE
04220840 EA1KV IN52OG>IN73DM 286 50.230 H EB1EHO
04220855 EA3AXV MS QUM 2494 50.222 L24KK
04220910 EA3AXV JN01>IN73DM 593 20.230 H EB1EHO
04220920 EB7DBX JT6M MS 1122 50.220 J G4PCI
04220930 EH4CRP IM68>IN73DM 568 20.230 EB1EHO
04220932 EA3AXV JT6M 7DB 1122 50.230 G4UCJ
04220935 EA3AXV JT6M 1878 50.230 DF2UQ
04220947 EB7DBX 30 IM67LG>IN73DM 703 50.230 H EB1EHO
04220948 EB7DBX FB JT6M MS 1453 20.230 J GW3ORL
04221029 EA3AXV JT6M MS 2038 50.230 OZ1DDJ
04221036 EB1EHO IN73DM>JN18R 859 50.230 H F5DQK
04221051 EB1EHO JT6M MS 1122 50.230 G4PCI
04221641 EB1EHO JT6M MS 1122 50.230 G4PCI
04221713 EA3AXV JN01>IM61 665 50.225 CT1DHM
04221727 EB7DBX IN73DM>IM67LG 703 50.230 EB1EHO
04221816 EA3AXV JN01>IN73DM 593 20.230 EB1EHO
04221709 EA3AXV JT6M J061JTJ 1386 50.230 9H1XT
04223076 EA3AXV JT6M 2161 50.235 J SQ9QU
04230731 EA3AXV JN98>JN01 1609 20.230 H A6NN
04230917 EA3AXV CQ JT6M 987 50.230 DF2UQ
04230941 EA3AXV JT6M MS 943 50.230 GU8FBO
04231002 EA3AXV JN98>JN01 1609 20.230 H A6NN
04231004 EA3AXV JT6M 1122 50.230 H G8RZA
04231343 EA3AXV JT6M IONO 943 50.230 GU8FBO
04232247 EH4CRP IM68>I071 1453 20.230 GW6TEO
04240951 EB5EEO JT6M IM98>I081 1464 50.230 J GW3ORL
04241025 EA7DFH JT6M IM87>I081 1556 50.230 J GW3ORL
04241603 EA3AXV JT6M MS 1122 50.230 G4PCI
04241620 EA3AXV 59 BURSTS 1587 50.230 ON6AB
04241857 EB1EHO CQ JT6M 1122 50.230 GOCHE
04242110 EA3AXV IM87>JN01 561 50.230 EA7DFH
04242144 EA3AXV 26R J065ER 2115 20.230 OZ2PJ
04251333 EA7DUD JT6M IN73>IM76 778 50.230 EB1BMO
04251525 EA3AXV JT6M IONO 1122 20.230 G4PCI
04251530 EA3AXV JN01>J043 146150.230 DJ3YE
04251622 EA3AXV JT6M QUM 2188 20.230 J H4CME
04251627 EB7HAF CQ JT6M 1122 50.230 GOCHE
04251924 EB1EHO CQ JT6M 1122 50.230 GOCHE
04252024 EA3AXV R37 1587 50.230 ON5PU
04261519 EA3AXV CQ JT6M 943 50.230 GU8FBO
04261535 EA3AXV JT6M MS 1122 50.230 G4PCI
04261643 EH4CRP JT6M MS 1122 50.230 G4PCI
04261731 EB2FVN MS 1587 50.230 J ON6AB
04261815 EB1EHO JT6M MS 1122 50.230 G4PCI
04271606 EA3AXV JT6M S7 1122 50.230 G4PCI
04271636 EB1EHO JT6M MS 1122 50.230 G4PCI
04271830 EB1EHO JT6M MS 1122 50.230 G4PCI
04272036 EB1EHO CQ JT6M 1122 50.230 GOCHE
04280608 EB1EHO JT6M MS 1122 50.230 G4FUF
04280627 EA7DUD IM76>IN73DM 782 20.230 EB1EHO
04281606 EH5DWS 1122 50.222 J GOGMS
04281644 EB1EHO JT6M MS 1122 50.230 G4PCI
04291043 EB1EHO JT6M MS 1122 50.230 G4PCI
04291216 EB1EHO JT6M 1453 50.230 GW6TEO
04291258 EB1EHO 1260 50.230 G4PCI
04291320 EA2AVM IN82>IN73DM 247 20.230 EB1EHO
04291745 EA3AXV JT6M BSC 1948 50.230 ON7PY
04300710 EA3AXV IN73DM>JN01 593 20.230 EB1EHO
04300714 EB7DBX IM67LG>IN73DM 703 50.230 EB1EHO

04300716 EA3AXV JT6M 1121 50.230 J IZKBD
04300913 EA3AXV FB IONO 1122 50.220 GOGMS
04301024 EA3AXV JN01>IN73DM 593 20.230 EB1EHO
04301044 EA1KV IN52OG>IN73DM 286 50.230 EB1EHO
04301137 EB3EHJ IM98>JN01 374 50.130 W EB5EEO
04301147 EB1EHO CQ JT6M 1122 50.230 GOCHE
04301245 EB1EHO JT6M MS 1122 50.230 G4PCI

SVALBARD

04091924 JW7SIX 559 AUE 1778 50.047 B OH6KTL

SWEDEN

04020609 SM3BIU JT6M MS 1202 50.230 G4PCI
04020616 SM3BIU MS 685 50.230 J SP9HWY
04051438 SM0GWX 59A/59A 125 50.130 OZ1BNW
04051531 SM4IED JP71EB 623 50.103 SM1DE
04051538 SM4IED 55A J055>JP71 648 50.230 OZ8ZS
04051546 SM4IED 55A/55A JP71EB 648 50.230 OZ1BNW
04092119 SM5ELV 55A 125 50.100 H OZ1DDJ
04131811 SM6WET JT6M MS 1202 50.230 G4PCI
04131933 SM6WET CQ 568 50.230 LA8NK
04132007 SM6WET 559>JN65>J068SE 1111 50.230 S57RR
04141640 SM7NDX AU 568 50.101 W LA8NK
04150651 SM3BIU JT6M 1202 50.230 J GOGMS
04170908 SM5LE CQ 568 50.230 LA8NK
04170940 SM5LE JT6M CQ 1144 50.230 HALYA
04171319 SM7DLZ JT6M MS 1202 50.230 G4PCI
04200835 SM3BEI JP81NG>JN78CJ 1443 50.230 OE5MPL
04200946 SM5LE SVEN J099>I082 1562 50.230 GOGMS
04211508 SM7DLZ MS HANS 1202 50.225 GOCHE
04220444 SM7DLZ J086FI>JN98 889 20.230 HA6NN
04220912 SM5LE J099B>JN98 1184 20.230 HA6NN
04221034 SM5LE J099>I071 1739 50.230 GW6TEO
04221045 SM7DLZ 30S BURST 1513 20.230 E17BMB
04221139 SM7DLZ J086>I071 1533 20.222 GW6TEO
04222019 SM5LE 1202 50.230 G4PCI
04222106 SM5LE JT6M 568 50.230 LA8NK
04230916 SM5LE 20S BURST JT6M 50.230 DF2UQ
04250642 SM6NZV JT6M 1188 50.230 J IZKBD
04260510 SM6NZV JT6M 1054 50.230 GW6TEO
04280928 SM5LE SVEN MS 2001 50.230 J ON6AB

SWITZERLAND

04011734 HB9SIX JN47QF>J050 382 .058 B DK2EA
04071556 HB9SIX 319 JN47QF>J050 382 B DK2EA
04071603 HB9SIX 549 JN47KJ>J050 378 DK2EA
04081516 HB9SIX 219 JN47QF>J050 382 B DK2EA
04111353 HB9SIX 219 JN47QF>J050 382 B DK2EA
04140802 HB9SIX JN47FG>IN73DM 1179 EB1EHO
04151402 HB9SIX JT6M IONO 859 50.230 G4PCI
04181619 HB9SIX 419 JN47QF>J050 382 B DK2EA
04181824 HB9SIX PSK 1038 50.250 OZ2PJ
04251527 HB9SIX 219 JN47>J050 364 B DK2EA
04270627 HB9SIX CQ JT6M 1054 50.230 GW6TEO
04290908 HB9SIX JT6M PIERRE 859 .223 J GOCHE

UKRAINE

04140617 UT5G 559 TROPO 50.084 B UU2JJ
04151330 UR7TO KN39M>I090IR 2015 H G7RAU
04151334 UT5YE KN28>J001 1770 50.120 G4FUF
04290747 UT4UO JT6M MS 1868 50.230 OZ1DDJ
04301050 UT4UO JT6M MS 1868 50.230 OZ1DDJ

WALES

04010952 GW6TEO CQ JT6M 333 50.230 G4PCI
04021002 GW3ORL CQ JT6M 333 50.230 G4PCI
04031949 GW6TEO CQ JT6M 333 50.230 G4PCI
04040736 GW6TEO 17DB I071LP>IN73DM H EB1EHO
04041556 GW4ISM/M I072 261 50.230 GOGMS
04041609 GW4ISM/M I072 261 50.230 G4IGO
04041627 GW4ISM/M I072 261 50.226 G4IGO
04061908 GW6TEO CQ JT6M 333 50.230 G4PCI
04080719 GW6TEO 1143 50.230 I2WSG
04100923 GW6TEO I071LP>IN73DM 904 EB1EHO
04101521 GW3ORL CQ JT6M 333 50.230 G4PCI
04104849 GW6TEO I071LP>IN73DM 904 EB1EHO
04104926 GW3ORL CQ JT6M 333 50.230 GOCHE
04150831 GW6TEO I071LP>IN73DM 904 EB1EHO
04150917 GW6TYO 579>IN88 691 50.100 G6HRP
04151003 GW3ORL CQ 333 50.150 G4PCI
04151012 GW6TYO CQ 333 50.100 G4PCI
04151301 GW3XRM 51 462 50.150 E17BMB
04151436 GW3XRM I073>J050 1153 1.140 DL1NXX
04160829 GW6TEO JT6M 333 50.230 G4PCI
04171052 GW6TEO JT6M 333 50.230 G4PCI
04182036 GW6TEO I071LP>IN73DM 904 EB1EHO
04200809 GW6TEO I071LP>IN73DM 904 EB1EHO
04201703 GW3ORL CQ JT6M 333 50.230 GOCHE
04220917 GW6TEO 38 JT6M 333 50.230 G4UCJ
04220937 GW6TEO CQ JT6M 924 50.230 DF2UQ
04221041 GW6TEO JT6M 1054 50.236 J SM5LE
04221435 GW3ORL CQ JT6M 333 50.230 GOCHE
04221527 GW81ZR JT6M 1535 50.233 J SQ9QU
04221849 GW6TEO 37 JT6M 333 50.230 G4PCI
04230848 GW6TEO 37 JT6M 333 50.230 G4PCI
04230938 GW82RE CQ 333 50.145 G4PCI
04231049 GW6TEO 1805 50.220 CT1DHM
04250814 GW6TEO JT6M 1143 50.230 J IZKBD
04251224 GW3ORL CQ JT6M 573 50.230 GU8FBO
04281045 GW3LEW FB JT6M 1143 50.230 J IW3SNU
04281056 GW3LEW I071>IN73DM 888 20.230 H EB1EHO
04300724 GW6TEO 38 CQ JT6M 333 20.230 G4PCI

Reports of North America

ALASKA

04090611 K17NO 50.126 WORLI/7
04090637 K17NO 52A >FN44 50.125 K1TOL
04105110 K17NO 54 4609 BP54>EN44 9KMU
04105510 N17Z BP51>EN10 4161 50.135 KOHA
0410625 A17RT 579 BP64>EN44 4052 9KMU

BARBADOS

04141622 8P6SH DEAN GK03 242 50.110 FM5JC

CANADA, Eastern

04021619 VE3GIB CW FN25>EN82 721 K8KS
04090904 VA22FW 52A FN08>EN44 1018 B K9MU
04090914 VE2QAT AUR >EN82 50.054 K8ZE
04091408 VA3WLD FN03>EN82 343 50.125 K8KS
04092104 VE2RA 52A 730 50.125 K9MU
04092112 VE3TFU 57A EN92>EN44 835 K9MU
04140150 VE2XK 55A FN07>EN82 50.125 K8MD
04140355 VE2XK 56A FN07>EN93 50.125 VE3SCP
04140447 VE2XK FN07>EN10 1630 50.125 KOHA
04140531 VE2XK 57A FN07>EN43 1033 KA9FOX
04141512 VE2RA 599 730 50.125 W9SE
04142031 VE2XK AU FN07>EN82 50.125 K8MD
04142040 VE2XK 51A FN07>EN44 983 K9MU
04142055 VE3GIB 55A FN25>FN35 96 VE2DC
04142059 VE327T AU WEAK 634 50.125 K1TTT
04142116 VE2RA CQ AU SSB 634 50.125 K1TTT
04142145 VE2XK FN07 AU SSB 701 1.130 K1TTT
04150441 VE3YAT FO40>FN48 222 50.054 VE2RA
04221441 VE3GIB FN25 CW 854 50.125 W8BD
04231322 VA3WLB 559 BSC FN03 50.125 K2ERG
04281357 VE1SMU 552 50.001 K8LEE
04301057 VE3/NP2AQ CW FN25 50.125 VE2DC

CANADA, Northern

04100516 VE8NSD 59 DP22>BP54 50.125 KL7NO
04140225 VE8BY S3-S8 >FN46HU 50.049 B VE2TH
04140522 VE8BY GUD FP53>EN10 3142 KOHA
04140550 VE8NSD >DN17HO 50.125 W7RJR
04140645 VE8BH 559 AUE >FN35 2016 B VA2WDQ
04141407 VE8BY AU 2205 50.048 B VA6SZ
04230607 VE8NSD 57A DP20>BP54 50.125 KL7NO

CANADA, Manitoba, VE4

04090531 VE4ARM 53A EN19>EN44 717 B K9MU
04090631 VE4VHF AURES >FN44 50.035 B K1TOL
04090750 VE4VHF 51A EN09>EN44 821 B K9MU
04092026 VE4ARM 52A AU 50.019 B K9MU
04140400 VE4VHF AUR ES >FN44 50.036 B K1TOL
04140505 VE4SPT EO26>DN06 50.025 B K7AD
04140730 VE4SPT EO26>CN87 2141 .025 B N6KW/7
04142048 VE4VHF 52A 1180 50.019 B K9MU
04200245 VE4SA 569 EO15>DO97 50.125 C KGOVL/VE4
04220200 VE4VHF AURES >FN44 50.036 B K1TOL

CANADA, Alberta, VE6

04090632 VE6EMU WEAK AU >DN17 50.041 B KE7DJL
04090928 VE6EMU AU ES 2343 50.042 B K9MU
04140610 VE6EMU DO33>CN87 970 50.041 B N6KW

CANADA, British Columbia, VE7

04090546 VE7FG >FN44 50.033 B K1TOL
04090601 VE7DAY 46 >DN17 50.125 KE7DJL
04090623 VE7DAY 1746 50.100 WORLI/7
04140558 VE7DAY AU >DN17 50.125 W7RJR
04140601 VE7DAY 55A CN87>CO70 50.125 N6KW/7
04140709 VE7AV CN87>CO83 667 50.125 N6KW/7
04140722 VE7DAY CO70>CN85 575 50.126 WORLI/7

CUBA

04212122 CO TV >EL87 T KD4ESV

GUADELOUPE

04230112 FG5FR 59 FRANTZ 239 50.120 FJ5DX

MARTINIQUE

04091650 FM1HN 59 JULIEN 50.110 FM5JC
04250028 FM5JC CW 4951 50.110 PY2NQ
04301959 FM5JC VY WEAK 396 50.106 B FJ5DX

MEXICO

04161421 XE2OR DL98>EM60 1371 50.255 N5BO

NEWFOUNDLAND

04101542 VO12A S1-S >FN46HU 50.049 B VE2TH

PUERTO RICO

04092147 WP3UX W>FJ5DX 238 50.110 KP2HC
04212344 WP4KJ >FK77 238 50.110 KP2HC
04230224 WP4HSZ CQ 50.120 KP4SQ
04231212 KP4SQ 238 50.110 KP2HC
04231848 WP4HSZ MALANGA IS. 50.110 KP4SQ

ST BARTHELEMY

04091644 FJ5DX S3/S5 PHIL 396 50.110 FM5JC
04092166 FJ5DX W/ WP3UX 212 50.110 KP2HC
04111656 FJ5DX S3/S >FK68QA 50.115 WP4NQR

ST KITTS & NEVIS IS.

04091136 V44KA1 FK86>FK77 239 50.055 B KP2HC
04092011 V44KA1 FK87>FK77 212 50.055 B KP2HC
04101809 V44KA1 S3 437 50.055 B WP3UX
04130101 V44KA1 S1 437 50.055 B WP3UX
04181931 V44KA1 S1 437 50.055 B WP3UX
04231215 V44KA1 FK87>FK77 212 50.055 B KP2HC
04231949 V44KA1 S2>FK68 437 50.055 B KP2HC
04232110 V44KA1 FK87>FK77 212 50.055 B KP2HC
04241707 V44KA1 FK87 212 50.055 B KP2HC
04241756 V44KA1 S19> FK68 437 50.055 B WP3UX
04251637 V44KA1 S19> FK68 437 50.055 B WP3UX
04252206 V44KA1 S19> FK68 437 50.055 B WP3UX
04260214 V44KA1 S19> FK68 437 50.055 B WP3UX
04262223 V44KA1 S19> FK68 437 50.055 B WP3UX
04271844 V44KA1 41 WEAK 437 50.055 B WP3UX
04272201 V44KA1 419 WEAK 437 50.055 B WP3UX

ST LUCIA

04092110 J69AC GEORGE 50.110 FM5JC

VIRGIN IS.

04092236 KP2HC 238 50.110 WP3UX
04000028 KP2/KD8CZX 55 238 50.110 WP3UX
04231214 KP2HC 238 50.110 W KP4SQ
04272154 KP2HC 54 BRIAN 238 50.110 WP3UX

United States, W1

04021500 W21V 1078 50.125 K8LEE
04080305 KB1LKB FN31>EM89 873 50.145 W28D
04090546 K1TOL FN44>EN43 1599 50.125 KA9FOX
04090547 K1TOL 59A FN35>FN44 192 50.125 VA2WDQ
04091243 W12C FN42 222 50.125 K1TTT
04091440 W1JJ FN41>EN82 996 50.125 K8KS
04091445 W1/WA2SPL CW VT>MI 1078 K8KS
04140435 KB1LKB 52A FN31>EN93 50.125 VE3SCP
04140529 K1TOL 57A >FN35 484 50.111 VA2WDQ
04140649 KB1LKB 55 AUE 634 50.130 VA2WDQ
04140705 K1TOL FN44>CN87 3954 50.125 N6KW
04151220 W1JJ FN41>EN82 996 50.125 K8KS
04161250 W1JJ 579 FN41>FM08 758 .135 W4TJ
04221440 KB1LKB FN31 STRONG 845 .125 W28D
04231626 W1JJ 559 FN41>FM08 758 .130 W4TJ
04251604 W1JJ -26 J765A EME 4969 G4PCI
04291022 W1/WA2SPL 539>EM79 1281 W8IF
04301142 W1/WA2SPL FN35>EM89 1055 W28D
04301418 W1/K7BV 1987 50.260 AG4ZE

United States, W2

04021510 W2/K8EZ 701 50.125 K8LEE
04150218 WB2TQE 55 1647 50.125 K54WBO
04160538 W2GFF EM60>EM22 50.099 W5BNRI
04160541 W2GFF TR EM60>EL09 50.098 WA5TYX

United States, W3

04012156 K3TH 507 50.125 K8LEE
04021446 K3TKY FM28>EM60 1412 50.125 H N5BO
04021455 K3TKY FN24>EM89 862 50.125 W28D
04021517 K3TKY 57 FM28>EM82 808 .125 K8KS
04021612 KB3MLD FN11>EN82 507 50.125 K8KS
04050421 K3BEZO EM90 1436 50.125 W2RAC
04081806 K3TKY 59 FN34>FN35 109 .125 VE2DC
04091528 K3TKY 55 SCATTER 1383 .125 K4RX
04121435 N3II 559 TR 662 50.125 W1JJ
04130251 KF3EF 44 FM28>FM16 283 .125 W4RVZ
04140554 N3DB 59A 845 50.098 K9MU
04142135 K3ISH AU 662 50.135 K1TTT
04152313 W3HH 519 EL89>EL96 387 .061 B KE4WBO
04221444 W3KWH EN90 338 50.125 W28D
04221529 W3GLH EM60 1431 50.125 H N5BO
04221537 W3GLH 2377 50.125 KOHA
04221546 N3DB FM18>FM16 222 50.125 N4BAA
04260113 K3TKJ FM28 721 50.125 W28D
04271813 N3II CQ DX 1383 50.111 N4BAA
04290262 K3TKJ 1383 50.135 K4BDR

United States, W4

04021232 KZ4RR FL >FM29 1341 50.125 N2NRD
04021327 W4/W1GUD EL87>EM89 1334 W28D
04021331 KZ4RR EM90>EM89 1016 50.125 W28D
04021341 W4WA EM84>EM60 581 50.125 N5BO
04021401 W4ADZ EM74>EM60 482 50.125 N5BO
04021439 AC4TO/M CW CQ 1753 50.125 N5BO
04021609 W4TAA EL87>EM60 512 50.135 N5BO
04030356 W4VUT 57 EM50>EM20 574 W5DN
04030405 W4TAA EL87>EL29 1192 50.125 KE5DEFA
04091354 K4RX 537 EM70>EN82 1345 K8KS
04091430 W4WA 59 EM84>EN82 889 .125 K8KS
04091511 WB4SLM EM82>EM60 439 50.125 H N5BO
04091514 KB4X 1346 50.125 K8KS
04100043 N4BWM EM53>EM54 111 50.125 KD5IKG
04121142 W4WZ FM05 800 50.125 WB4IUY
04142304 W4TJ 1987 50.125 K1KO
04142321 K4KJW FM16 1023 50.125 K1KO
04152306 W4CHA 559 BS EL88>EL96 195 B KE4WBO
04152309 K4HRS 599 EL98>EL96 222 B KE4WBO
04160509 W4MHW > CN85 1487 .125 WORLI/7
04160524 K4HJB EL98>EM22 50.125 W5BNRI
04161314 KC4LYC EM80 294 50.125 K4RX
04161332 W4IT 599 EM84>EM70 482 .136 K4RX
04161336 K4RX 55 EM70>EM75 555 .135 K4KWK
04161342 K4RX EM70>FM08 1044 50.135 W4TJ
04170124 W4TJ 529>EM84 693 50.099 W4WA
04180041 W4CHA 539 TR EL88 195 .079 B KE4WBO
04180048 W4CHA TR EL88>EM60 446 .080 B N5BO
04180056 K4LQ EL97>EM60 671 50.125 N5BO
04180056 K4LQ EL97>EM60 671 50.125 N5BO
04180147 K4HJB EL97>EL99 222 50.130 W2RAC
04180147 K4HJB EL97>EL99 222 50.130 W2RAC/4
04190219 KF4YXR EM51>EM61 189 50.125 N5PA
04200206 K4HOT FM07>EM89 412 .145 W28D
04200218 W4TAA EL87 S2 M/S 1445 .145 W28D
04221108 W4WA EM84>FM08 570 50.125 W4TJ
04221259 W4WO EM84>EN73 1015 50.125 K8EB
04221307 WB4SLM EM82 889 50.125 K8EB
04221310 WB4SLM EM81>EM89 889 50.125 W28D
04221344 K4PDM EM87>EM89 222 50.125 W28D
04221420 W4WA 1346 50.125 K8LEE
04221454 W4WA ES Sc7 1987 50.125 K1TTT
04221504 W4WA EM84>EM13 1294 50.125 NORQ
04221810 W4AHFN FSK EM55>EM60 586 N5BO
04231100 W4S GA, FL, AL -1400 50.125 K8MM
04231127 W4WA 559 EM84>FM08 570 .125 W4TJ
04231147 W4WA 569 EM84>EN82 889 .125 K8KS
04231155 W4X 589 EM87>CN82 878 .125 W28D
04231204 K4RX EM70 CW 1126 50.125 AG4ZE
04231206 K2ARR EL87 SSB 1445 50.125 W4TJ
04231208 W4AHFN 41A FSK 450.260 W4TJ
04231230 AC4TO 559 EM70>FM08 1044 W4TJ
04231335 N4QWZ EM66>FM29 1101 50.125 N2NRD
04231342 AC4TO EM70>FM29 1351 50.125 N2NRD

04231344 AC4TO 55 EM70>FM08 1044 W4TJ
04240217 K4HOT FM07>EM89 412 50.145 W28D
04241203 W4WZR EM95>FM05 181 50.125 K4CEB
04261308 AC4TO 559 FM70>FM08 1558 W4TJ
04271816 N4BAA CQ DX 1383 50.110 N3II
04282213 W4WA EM84>EM60 581 50.125 H N5BO
04291204 N4VHF 55 EM70>FM08 1044 W4TJ
04291327 K4APX 57 EL98>EM70 446 .125 K4RX
04291443 K4ALHQ J76M 50.248 AG4ZE
04301143 W4WA 55 EM84>FM08 570 .125 W4TJ
04301146 KZ4RR EM90>EM89 1016 50.130 W28D
04301252 W4TJ FM08>EM89 363 50.145 W28D
04301336 N4VHF 55 EM70>FM08 1044 W4TJ
04301353 KZ4RR EM90>EM79 1064 50.125 W8IF
04301656 AC4TO 1346 50.125 K8LEE
04301657 K14EME 1346 50.125 K8LEE

United States, W5

04021328 N5SIX EM42>EM60 439 50.265 N5BO
04021335 N5BO EM60>EM89 1064 50.125 W28D
04030412 K5WBX EM41>EL29 442 50.125 KE5DEFA
04061442 W5UUD EM62>EM60 222 50.125 N5BO
04082358 K5WBX EM41>EM60 397 50.263 N5BO
04091326 N5BO MS >EN82 1349 50.126 K8KS
04110855 K5AB EM01>EL17AX 50.0595 B W5UWB
04111422 K5AB S5 >EM13 50.060 B W00QG
04130009 KD5M EM60 1148 50.152 KD5IKG
04151232 W5GTA EM20>EM70 957 50.125 K4RX
04151234 K5CCT EM22>EM70 973 50.125 K4RX
04151238 W5BUD EM34>EM70 871 50.125 K4RX
04152350 W5RFT >DM04 50.130 N6CCR
04160040 W5WVO DM65>DM04 50.140 N6CCR
04160103 W5SUFH 59 EL19>DM25 1811 K7FED
04160223 N5SW DM65>DM04 50.125 N6CCR
04160339 A5SX EM00>DM04 50.125 N6CCR
04161554 W5OZI 59 >EM12 50.125 W5SOLT
04171421 N5PJ 59 EM32>EM13 50.200 W00QG
04181435 K5SDRV 56 EM26>EM13 50.125 W00QG
04181437 N5PJ 59 EM32>EM13 50.125 W00QG
04181438 K5BZM 32 EM18>EM13 50.125 H W00QG
04181439 K5SHU 55 >EM13 50.125 W00QG
04181440 K5AB 599 EM00>EM13 50.0601 B W00QG
04181441 W5RP 529 DM91>EM13 50.073 B W5RP
04231107 W5GTA 55 EM20>FM08 1710 W4TJ
04231159 N5BO J76M 1753 50.260 AG4ZE
04231337 N5BO 55 EM60>FM08 1151 .125 W4TJ
04282356 W5RP 579 TX>OH 1753 50.074 B N4DB

United States, W6

04020413 K6MYC J765A EME DM07>EL17AX J W5UWB
04022001 N6NB 50.068 B AD6WL
04160006 K6FV 529 CN87>DM41 1284 B K9RX/7
04160007 K6GXX BSC DM04>DM43 50.135 W7RV
04160018 K6GXX >EM73 50.125 H W4GCB
04160058 K6GXX 59 DM04>EM02 1864 AE5B
04160106 K6GXX 57 KEITH >EM75 50.125 WB4TGG
04160134 K6GXX DM04>DM25 380 50.125 K7FED
04160138 K6GQS DM49>DM12 946 50.125 N17T
04160347 K6GXX 57-9 >EM00 50.125 AA5XE
04160500 W6PEV 55 DM15>CN85 50.135 N7DB
04160530 K6RNM DM04>CN87 1483 50.140 N6KW

United States, W7

04011537 W7JUV -26 EME 9535 50.192 J IW5DHN
04020319 W7GJ DN27>EM89 2706 50.211 W28D
04090622 W7RQU 1145 50.130 WORLI/7
04090631 K7CW 315 AU 1145 50.126 WORLI
04090713 K7CW >CN82NJ 50.125 KA7BGR
04100034 K7TJJC CN88>CN86 222 50.125 VE7TK
04140801 W7CE AU CN87>DN17 50.125 W7RJR
04140802 N7KW AU >DN17 50.125 W7RJR
04152322 N7DRB 57-9 >DM04 50.125 N6CCR
04152326 W7CNK EM15>EM60 1084 50.125 H N5BO
04152327 W7CNK EM15>EM70 50.125 AC4TO
04160006 W7S AZ, DM49>CN88 Es K6QXY
04160028 KE7DJJ UT >DM12 50.125 KG61YN
04160030 K7VNU DM59>DM12 50.125 KG61YN
04160030 WB7ONJ AZ>CN88 50.125 K6QXY
04160326 W4TX 599 DM49>CN84KA 50.070 B KC7OTV
04160327 K4BGR 339 CN82>DN30 50.075 B K7LTX
04160339 N7DR 57 CN85>DN30 50.125 K7LTX
04160341 W4TX >CN85 50.069 B N6TR/7
04160346 N17T DM49>CN85 1186 50.125 WORLI/7
04160349 K7OOS 55 DM49>CN73 1245 N17T
04160350 K17JA CW >DN41AF 50.125 KU7Z
04160350 W7USB 55 DN17>DM12 50.125 KG61YN
04160412 AB7OI 55 DN41>CN84 50.125 KC7OTV
04160430 K7PA, NMTD 599 >CN85 50.069 B N7DB
04160426 K7Z DN41>CN85RL 50.125 H K17JA
04160426 N4TL 599 >DM13KT 50.125 KG6TCV
04160430 K7PO DM33>CN87 1767 50.125 W7DB
04160433 NMTD 569 DM37>CN87 1378 B N6KW
04160435 K7AD 599 >DM13KT 50.125 KG6TCV
04160438 KE7DJJ 599 >DM13KT 50.125 KG6TCV
04160443 N17GH >CN85BE 50.095 W7EME
04160444 KA7BGR 599 >DN41AF 50.074 B KU7Z
04160447 KE7DJJ 59 DM06FM>DN17O 1266 AD6W
04160450 K7ZAL 59 DM26>CN87 1388 N6KW
04160452 K7ZAL DM26>CN87 1388 W7BA
04160454 K7WLPJ DM37>CN85 1216 .125 WORLI/7
04160457 K17JA CN85>DM37 50.125 KD7WPJ
04160512 K7RAT CN85>DM03 50.150 K7JA
04160513 W7CE 1132 50.140 AD6WL
04160514 NMTD DM37>CN84 1142 50.078 B W7JS
04160521 W7JS CN84>DM37 50.125 KD7WPJ
04160522 K7JA DM03>CN87 1592 50.125 N6KW

United States, W8

04030329 W8PAT -28 2860 50.190 J W7GJ
04062156 W8VU CQ SIG EM88>FM09 125 W1LPL
04081501 W28D 57 EM89 1236 50.145 W4TJ
04090152 N8CJX 57A >EN43 MN 50.125 KOMN
04091355 K8KS EN82>EM70 1345 50.125 K4RX
04092128 N8CJX 55A 507 50.126 N3DB

04110129 W28D 53 JOHN 50.110 WP3UX
 04112003 W28D 53 JOHN 2883 50.110 WP3UX
 04120910 W8PAT -27 EME 2860 50.195 K7AD
 04121414 WA8LXJ 529 SC 1078 50.125 W1JJ
 04140137 N8CJX 53A EN84>EN44 634 K9MU
 04140513 N8CJX 59 EN84>BP54 50.125 K17NO
 04140559 WA8LXJ 52A EM88>EN93 50.130 VE3SCPC
 04142107 N8CJX CQ CW AU 1078 50.125 K1TTT
 04142138 N8CJX AU SSB 1078 50.135 K1TTT
 04142359 K8EB 55A 353 50.125 K9MU
 04151218 WA8FTA >EM90 50.125 W K24RR
 04151221 K8MM >EM90 50.125 K24RR
 04151256 WA8LXJ 579 EM88>EN82 444 K8KS
 04191238 WA8LXJ 559 SC 1078 50.127 W1JJ
 04221335 W28D 59 EM89>FM08 363 .145 W4TJ
 04221442 W8GG EM88 CW 222 50.125 W28D
 04221520 W8FR EM54>FM16 1107 50.143 W4RVZ
 04231320 WA8FTA EN52>FN20 1185 .125 W2OIB
 04250000 WA8LXJ 507 50.125 W3GLH
 04260109 W28D CW EM89>EN82 333 .125 K8KS
 04261321 WA8LXJ 559 SC 1078 50.125 W1JJ
 04291408 WA8FTA 59 EN52>FM08 954 W4TJ

United States, W9

04090855 K9MU EN37>EN82 961 50.073 B K8ZE
 04140453 K9MU EN44 1228 50.126 N3DB
 04160503 K9WZB DM24>CN87 1591 50.130 N6KW/7
 04221333 K9MU CW 353 50.126 K8EB
 04221614 W9BLI EN64>EM60 1556 50.255 N5BO
 04231317 W9BF EM57>EM60 799 50.255 N5BO

United States, W0

04050137 KOVUY EM48 1213 50.145 W28D
 04080239 KOVUY EM48 STRONG 1213 .125 W28D
 04090136 KOKP AUR >EN84 50.073 B N8CJX
 04090156 KOKM 53A >EN84 50.125 N8CJX
 04090220 KOKP 55A 1535 50.073 B K9MU
 04090907 KOKP AUR EN37>EN82 50.073 B K8ZE
 04090932 KOGUV 52A CHTRP 1535 50.008 B K9MU
 04092043 KOKP 53A EN36>EN44 271 .073 B K9MU
 04140055 KOKP 53A 1535 50.073 B K9MU
 04140112 KOGUV 58A ED 1535 50.125 K9MU
 04140220 KOKP VY WEAK>FM29 2561 .073 B N3TEE
 04140402 KB0HNN EN25 AU 1055 50.125 K9MU
 04140516 KAOPCW 55A 2377 50.125 N3DB
 04140539 KOKP 53A EN35>FN35 1554 B VA2WDQ
 04141348 KOKP 2208 50.073 B VA6SZ
 04142146 KOKP AURE WEAK>FN44 50.073 B K1TOL
 04150003 KOGUV 58A 1535 50.125 K9MU
 04151222 KOVUY >EM90 50.125 W K24RR
 04152233 KOVUY 59 BILL >EL87 50.125 KD4ESV
 04152311 KOKP 539 >EM00 50.073 B AA5XE
 04152314 KOKP 539 EM36>EM00 868 .073 B AA5XE
 04152318 KOUB ES EM07>EL96 1948 .080 B KE4WBO
 04152319 KOUB EM07>EM60 1350 50.080 B N5BO
 04160135 W0LD DM78>DM04 50.125 N6CCR
 04160257 W0/W6OAL 59 DM79>DM12 .125 KG6IYN
 04160311 KCOMEA 59 DM79>DM12 50.125 KG6IYN
 04160311 W0/W6OAL PARKER CO 1579 K6MIE
 04160336 W0MTK DM59>CN85 1324 50.065 B W0RLI/7
 04160338 W0IJR 539, W0MTK >CN84 .065 B KC7OTV
 04160405 W0MTK 579 DM59>CN84 50.065 B KC7OTV
 04160432 W0/W6OAL 599 DM79>DM13 .125 KG6TCV
 04160457 KOVUY ES 2377 50.125 N3DB
 04161509 KOVUY FM29 2561 50.125 N2NRD
 04211221 W0AH 55 EM85>EL96 1018 .135 KE4WBO
 04221526 KOCYI 44>FM16 2465 50.125 W4RVZ
 04221822 NOLL 539 >DM13BV 50.0776 B K6PHE
 04240211 KOVUY EM48 STRONG 1213 .125 W28D
 04270211 KOKP 50.073 B KA0DMH
 04280138 KOVUY EM48 STRONG 1213 .145 W28D
 04282332 NOLL >EM60 1915 50.078 B N5BO
 04282336 KOKP 559 EN36 2257 50.073 B W4TJ
 04291159 KOVUY EM48>FM08 1043 50.125 W4TJ
 04301423 KOVUY 55 EM48>FM08 50.145 W4TJ

Reports of Oceania

AUSTRALIA, General

04070430 VK TV VID S7 >PM74 46.24 V JG3LEB
 04100544 VK TV V 46.24 S3/46.172 S7 V JG3LEB
 04110416 VK TV V 46.24 S7/46.172 S5 V JG3LEB

Australia-Queensland-VK4

03290402 VK4RTL >QMO7 50.0875 C JA7WSZ
 04050855 VK4RTL 599 B 0957 50.0875 B JA1VOK
 04050857 VK4RTL 6257 50.087 B JG3LEB
 04050950 VK4RTL >QMO5 50.0875 B JA1VOK
 04051022 VK4FNO CQ SSB 6257 50.110 JG3LEB
 04051024 VK4FNO 59 >QMO5 50.110 S JA1VOK
 04070407 VK4 TV VID S9>>PM74 46.172 V JG3LEB
 04070704 VK4ABW >QMO5 50.110 H JA1VOK
 04070704 VK4RTL >QMO5 50.0875 B JA1VOK
 04070855 VK4ABW SSB 6257 50.110 JG3LEB
 04070920 VK4RTL 6257 50.087 B JG3LEB
 04070948 VK4FNO >QMO5 50.110 H JA1VOK
 04071002 VK4FNO 6257 50.130 JE1TBU
 04090939 VK4 VIDEO S7 >PM74 46.172 V JG3LEB
 04090950 VK4RTL 599 >PM74 50.087 B JG3LEB
 04100322 VK4 TV S1-5 >PM85KE 46.172 V JA2DDN
 04100600 VK4ABW, VK4BLK >PM74 50.110 JG3LEB
 04100600 VK4RTL 559 >PM74 50.087 B JG3LEB
 04110447 VK4ABW 53 >PM74 50.110 JG3LEB
 04110857 VK4JOO >QMO5 50.110 H JA1VOK
 04110858 VK4ABW >QMO5 50.110 H JA1VOK
 04110900 VK4RTL >QMO5 50.0875 B JA1VOK
 04111017 VK4RTL 6257 50.087 B JG3LEB
 04111019 VK4FNO CQ SSB 6257 50.110 JG3LEB
 04120859 VK4JOO CQ SSB 6257 50.110 JG3LEB
 04140745 VK4 VIDEO S9+ >PM74 46.172 V JG3LEB
 04141042 VK4RTL 6257 50.087 B JG3LEB
 04141044 VK4RTL 539 >PM74 50.087 B JG3LEB
 04141154 VK4ABW CQ SSB 6257 50.110 JG3LEB

04141232 VK1ABW S3 >PM74 50.110 JG3LEB
 04170353 VK4 TV VID S9+ >PM74 46.172 V JG3LEB
 04170415 VK4ZRT S9 >PM74 50.110 JG3LEB
 04170420 VK4RTL >QMO5 50.0875 B JA1VOK
 04170420 VK4ZRT >QMO5 50.110 H JA1VOK
 04170422 VK4ABW >QMO5 52.347 B JA1VOK
 04170428 VK4AAH >QMO5 50.110 H JA1VOK
 04170430 VK4AAH 6257 50.110 JR2HCB
 04170443 VK4TWR >QMO5 50.110 H JA1VOK
 04170501 VK4ABW >QMO5 50.110 H JA1VOK
 04170505 VK4ABW >PM85 6314 52.347 B JR2HCB
 04170506 VK4EK >QMO5 50.110 H JA1VOK
 04190412 VK4 TV VID S9 >PM74 46.172 V JG3LEB
 04220635 VK4RTL >QMO5 50.0875 B JA1VOK
 04220639 VK4RTL 579 >PM74 50.087 B JG3LEB
 04270951 VK4ABW S9 >PM74 50.110 JG3LEB
 04270951 VK4RTL 559 >PM74 50.087 B JG3LEB

West Australia-VK6

04040836 VK6RSX FB 6190 50.304 B JG3LEB
 04050935 VK6RSX >QMO5 50.304 B JA1VOK
 04051118 VK6RSX >QMO5 50.304 B JA1VOK
 04051240 VK6RSX >OL72 4531 50.304 B VR2XMT
 04070710 VK6RSX >QMO5 50.304 B JA1VOK
 04070750 VK6RSX 559>PM85 6074 50.304 B JR2HCB
 04070822 VK6RSX 6190 50.304 B JG3LEB
 04070830 VK6RSX >PM63 50.304 C JASCMO
 04080600 VK6RSX >QMO5 50.304 B JA1VOK
 04090650 VK6RSX >QMO5 50.304 B JA1VOK
 04090653 VK6RSX S7 >PM74 50.3039 B JA2DDN
 04090718 VK6RSX S9 >PM85KE 50.304 B JG3LEB
 04090919 VK6RSX 6190 50.304 B JG3LEB
 04100516 VK6RSX 559 >PM74 50.3039 B JG3LEB
 04100647 VK6RSX S19 50.304 B VK6HD
 04101002 VK6RSX 6190 50.304 B JG3LEB
 04110426 VK6RSX 6190 50.304 B JG3LEB
 04110600 VK6RSX >QMO5 50.304 B JA1VOK
 04110717 VK6RSX 599 >PM74 50.3039 B JG3LEB
 04120600 VK6RSX STRONG 6190 50.304 B JG3LEB
 04140803 VK6RSX STRONG 6190 50.304 B JG3LEB
 04140901 VK6RSX 599>PM96 6234 50.304 B JH1WHS
 04141045 VK6RSX 599 >PM74 50.3039 B JG3LEB
 04141137 VK6RSX 559 6190 50.304 B JZ2XBY
 04150836 VK6RSX >PM85 6074 50.304 B JR2HCB
 04260825 VK6RSX 6190 50.304 B JG3LEB
 04270842 VK6RSX >PM85 6074 50.304 B JR2HCB
 04270849 VK6RSX 6190 50.304 B JG3LEB
 04281001 VK6RSX STRONG 6190 50.304 B JG3LEB
 04290733 VK6RSX 6190 50.304 B JG3LEB
 04290825 VK6RSX SSB>PM85 6074 50.304 B JR2HCB
 04300241 VK6RSU 559 50.306 B VK6HD
 04300248 VK6RPH 539 50.066 B VK6HD

Australia-Tasmania-VK7

04141049 VK7RST 559 >Q2F32VE 50.297 B VK3DUT

Australia-Northern Terr.-VK8

04050910 VK8RAS >QMO5 50.047 B JA1VOK
 04051234 VK8MS CW 5439 50.095 JG3LEB
 04070704 VK8RAS >QMO5 50.047 B JA1VOK
 04070911 VK8RAS 5439 50.047 B JG3LEB
 04090653 VK8RAS S9 >PM74 50.0465 B JG3LEB
 04090655 VK8RAS >QMO5 50.047 B JA1VOK
 04110840 VK8RAS >QMO5 50.047 B JA1VOK
 04120844 VK8RAS 5439 50.047 B JG3LEB
 04141046 VK8RAS 559 >PM74 50.0465 B JG3LEB
 04141245 VK8MS CQ CW 5439 50.110 JG3LEB
 04170400 VK8RAS >QMO5 50.047 B JA1VOK

BELAU

04100850 T88EM 59 >PM74 50.110 JG3LEB
 04300751 T88LZ SSB 5330 50.125 JG3LEB
 04300757 T88EM SSB BIG SIG>PM95 5468 JMDTF
 04300805 T88EM VY WEAK 5330 50.110 JASXAE

GUAM

04080806 KG6DX >PM52 50.110 C JA6TEW
 04080807 KG6DX 599+ 50.110 JF2ATA
 04080821 KG6DX 599+ 50.110 JASXAE
 04080830 KG6DX SSB 50.110 JG3LEB

HAWAIIAN IS.

04242337 KH6HI >BK29 50.0594 B W6YM/KH6

NEW ZEALAND

04070350 ZL TV S3 >PM74 45.25/.25 V JG3LEB
 04180548 ZL TV VID S5 >PM74 45.25 V JG3LEB

PHILLIPINES

04070848 DULIV 579 3070 50.007 B JA1HGY
 04070850 DULIV >QMO5 50.008 B JA1VOK
 04070852 DULIV >PM85 2828 50.008 B JR2HCB
 04300756 DULKIR FB >PM95 2945 50.120 JMDTF
 04300808 DULKIR FB SIG 3070 50.120 JF1RYU
 04300810 DUL/N6HPX VY STRONG>PM95 2945 JMDTF

Reports of South America

ARGENTINA

04132256 LU6QI 55>EL94 6958 50.110 NL7AU/4
 04151942 LU5EGY 55>EL94 6958 50.039 B NL7AU/4
 04151948 LW3EX 6136 50.130 H13TEJ
 04151949 LW3EX 59 5952 50.130 WP3UX
 04151950 LU8EMH FF94>EL87 50.110 KD4ESV
 04151951 LW9DFN 6136 50.115 H13TEJ
 04151952 LU8EMH 56 5952 50.110 WP3UX
 04152007 LU8EMH 59 FF94>FK68 6036 WP4NIX
 04152010 LW3EX 55 GF05>EM70 7723 K4RX
 04152011 LW3EX 59 GF05>FK68 5952 WP4NIX
 04152015 LW3EX 55 1158 50.105 PR8ZX

04152016 LW3EX >EL87 50.105 KD4ESV
 04152022 LW3EX 519 >EL17AX 50.105 W5UWB
 04152026 LU8MB 59>GG48 1643 50.110 PY2SRB
 04152029 LU8EMH CQ 1158 50.110 PR8ZX
 04152041 LW3EX 50.105 NL7AU/4
 04152045 LU4DNK 59 5952 50.115 WP3UX
 04152048 LU8DTH 59 GF05>FK68 5952 WP4NIX
 04152053 LU9DFN 59 5952 50.120 WP3UX
 04152101 LU8DIO GF05>EL95 7062 .122 NL7AU/4
 04152105 LU7WW 6136 50.110 H13TEJ
 04152115 LW6EXF 6136 50.110 H13TEJ
 04152123 LU8EMH 59 5952 50.115 WP3UX
 04161911 LW3EX 55 5952 50.110 W WP3UX
 04161915 LU8EMH 53 5952 50.110 WP3UX
 04161929 LW5ET 53 5952 50.110 WP3UX
 04161934 LU8EMH 59 FF94>FK68 6036 WP4NIX
 04161944 LU8MB 55 5952 50.110 H WP3UX
 04230106 LU7HCS 52 5796 50.110 H FJ5DX
 04250154 LU8EMH 52 CQ 5796 50.110 FJ5DX
 04250221 LU8EMH SC 5406 50.110 H HP2AT

BRAZIL

04152110 PR8ZX 5836 50.110 H13TEJ
 04222256 PY5HOT CQ 50.110 PY2SRB
 04230010 PY2XB 57 5331 50.110 FJ5DX
 04230012 PY5HOT 59 5331 50.110 FJ5DX
 04242302 PY2XB 319 FRED 4951 50.110 FM5JC
 04250147 PT7VB 50.110 PY2NP
 04250149 PT7VB CLG FM5JC 50.110 PY2NP

CHILE

03212226 CE MUSIC >DL44 47.900 F XE2HWB
 03222253 CE MUSIC >DL44 47.900 F XE2HWB
 03312252 CE MUSIC >DL44 47.900 F XE2HWB
 04042027 CE MUSIC >DL44 47.900 F XE2HWE
 04070235 CE MUSIC S1 >EL87 47.9 F KD4ESV
 04102127 CE MUSIC >DL44 49.200 F XE2HWB
 04151943 CE MUSIC >EL87 47.3-49.2 F WA5IYX
 04151950 CE MUSIC >EJL09QL 47.9 F WA5IYX
 04160110 CE MUSIC WEAK >DM33 47.9 F K7JE
 04212217 CE MUS S2 >EL87 49.2 F KD4ESV
 04222012 CE MUS S3-7 >EL87 47.9-49.2 F KD4ESV

COLOMBIA

04222124 HK3JRL CQ DX 50.135 HK3SGP

CURACAO NETH. ANTILLES

04202312 P02BVU 419 FK52 892 50.111 FM5JC
 04231643 P02BVU FK52 MS 892 50.110 FM5JC

FRENCH GUIANA

04212357 FY7THF 519 3804 50.039 B PR8ZX
 04220105 FY7THF 419 3804 50.039 B PR8ZX
 04221936 FY7THF 599>2043 1720 50.039 B FJ5DX

PARAGUAY

04152009 ZP6DYA VY LOUD>GA 7911 .110 K1OYC
 04152156 ZP6CW 58 5009 50.110 WP3UX

URUGUAY

04152104 CX2ABC 6183 50.110 H13TEJ
 04152131 CX2ABC 59 5986 50.110 WP3UX
 04152132 CX2ABC 57 GF15>FK68 5986 WP4NIX
 04241959 CX4CX 52 1 PING 5986 50.110 WP3UX

VENEZUELA

04230327 YV5IAL 5112 50.110 LU2NI
 04232119 YV5ANF 975 50.110 FM5JC

VENEZUELA, Avez Is.

04232129 YX0LIX I THINK OK 730 .111 FM5JC
 04232143 YX0LIX CW 244 50.110 YV5ANF
 04232200 YX0LIX FK85EQ CW 591 50.110 FM5JC
 04240030 YX0LIX 55 EASY 793 50.110 FJ5DX
 04242136 YX0LIX 55 EL94 6514 50.110 NL7AU/4
 04242147 YX0LIX 589 62253 730 50.110 FM5JC
 04242336 YX0LIX 579 9 133 4849 .110 C PY1RG
 04242338 YX0LIX VY WEAK 4849 50.110 C PY1NB
 04250124 YX0LIX SSB 5183 50.125 LU2NI
 04250126 YX0LIX 793 50.125 FJ5DX
 04250130 YX0LIX CW 5183 50.105 LU2NI
 04250131 YX0LIX CQ CW 793 50.105 FJ5DX
 04250141 YX0LIX CQ SSB 793 50.110 FJ5DX
 04252158 YX0LIX CQ SSB 730 50.110 FM5JC
 04260133 YX0LIX VY WEAK 793 50.110 FJ5DX
 04270037 YX0LIX MAYBE QSO 778 50.110 WP3UX

QSL Information

GM4SIV: direct to G4ODA or bureau to G4SIV

IG9/: via IW2NOD direct or bureau
 JA3EGZ: P.O. Box 6, Himkeji, JAPAN
 bureau or SASE

VP2MDD: via M0ARP

W6C: via N2OWL web

www.w6wtg.com

YI9RTG: via WH7USA

ZA/18Y GZ: direct to home call, Pino
 Zamboli, Via Trieste 30/54, 84015

Nocera Superiore - SA, ITALY